

How to Get An Internship In the US

Jonathan Ojangole

Intro

- Name: Jonathan Ojangole
- Year: 4th Year (International)
- Major: Computer Science (AI/ML)
- University: Carleton University
- Student Governor, Carleton BoG
- 3x Microsoft Intern



Finding 1st/2nd Year Internships

- Bing Search “freshman and sophomore tech internships “Harvard””
- Most of these internships happen in the summer

Internships

- Amazon Propel Program
- Bank of America Global Technology
- Freshman Summer Analyst
- Duolingo Thrive Program
- Explore Microsoft Internship
- Google STEP
- Google Summer of Code

- Meta University
- Outreachy
- UberSTAR Program
- Coding it Forward Digital Fellowship
- IBM Accelerate Summer Program
- Jane Street First-Year Trading & Technology Program (FTTP)
- Jane Street Immersion Program (JSIP)

Finding 3rd year + Internships

- LinkedIn Job alerts

- You can find great companies based on compensation and work culture on [levels.fyi](https://www.levels.fyi). Check their careers pages for when applications open

- For Summer Internships, application period is September - December

- For Fall Internships, application period is March - August

- For Winter/Spring Internships, application period is August - November

How to Apply

- Apply to as many companies as you can
- Apply from the company's career page
- Always Read the Requirements for the Job!!! (They are usually strict on those)
- Fill in your personal details (Sometimes using LinkedIn)
- Submit your Resume
- Submit your Cover Letter

Resume

Tips

- Create it using Microsoft Word or Google Docs
- Submit it as a pdf version
- Make sure it is Applicant Tracking System (ATS) friendly. (No Graphics!)
- Resume should be one page

Resume Guides:

- MIT Career Handbook (Recommended)
- Harvard Office of Career Services Resumes and Cover Letters (Undergraduate Resource Series)

Sample Resume

Warning:

- This sample resume is not ATS friendly and thus cost me UberSTAR and Google STEP
- It got me Explore Microsoft however since they don't use ATS.

Sample Resume

- Add your phone number
- Use your school email
- Just use your LinkedIn and GitHub Handle instead of links



John Jonathan Ojangole

[Click to see my LinkedIn](#)

jjangole@gmail.com

[Click to see my GitHub](#)

education

Bachelor of Computer Science - Carleton University

Concentration in **Software Engineering**.

09/2020 - 12/2024

Ottawa, ON.

Machine Learning Certification - Stanford Online

Machine Learning in Octave GUI and CLI. Final Grade **96%**

05/2020 - 07/2020

Online.

Sample Resume

- Use STARS to explain sections. Use 2 – 3 lines.
- If you need projects, you can get them by searching “computer science guided projects” at Coursera.org

projects

COVID 19 prediction model

- Built a COVID 19 prediction model in **python** using a **Jupyter notebook on Kaggle**. I aimed to **experientially explore** the **development process of AI solutions** to global challenges.. The model uses features like geographical location, population and date to **predict deaths, confirmed cases and recovered cases**
- Using a Jupyter notebook in python, I first **visualized the dataset** I was working with to better understand it. I then used **feature engineering techniques** like Standard Scaler to prepare the data. I then used a **random forest regressor** to generate my predictions.

10/2020-
11/2020

In-app Game purchasing system

- Built an in-app purchasing system with Visual Studio Code in python using the concepts of **nesting, branching and for loops** to gain a practical understanding of the **rigorous analytical thinking** required to perform complex tasks while **enhancing customer experience**.

10/2020

Neural Network for Handwritten Digit Recognition

- Built a neural network for handwritten digit recognition in Octave using **Octave GUI and CLI** to reconnoiter the **role of cost function** in modern applications of AI/Machine learning. I then **rewrote** the code **in python** using a **jupyter notebook**.
- I first **researched** the core concepts of cost function and gradient descent, sketched a **list of equations and tasks** to be performed, **debugged the code** in Octave GUI and run it using image data provided by my Machine Learning Certification Instructor using **Octave CLI command prompts**.

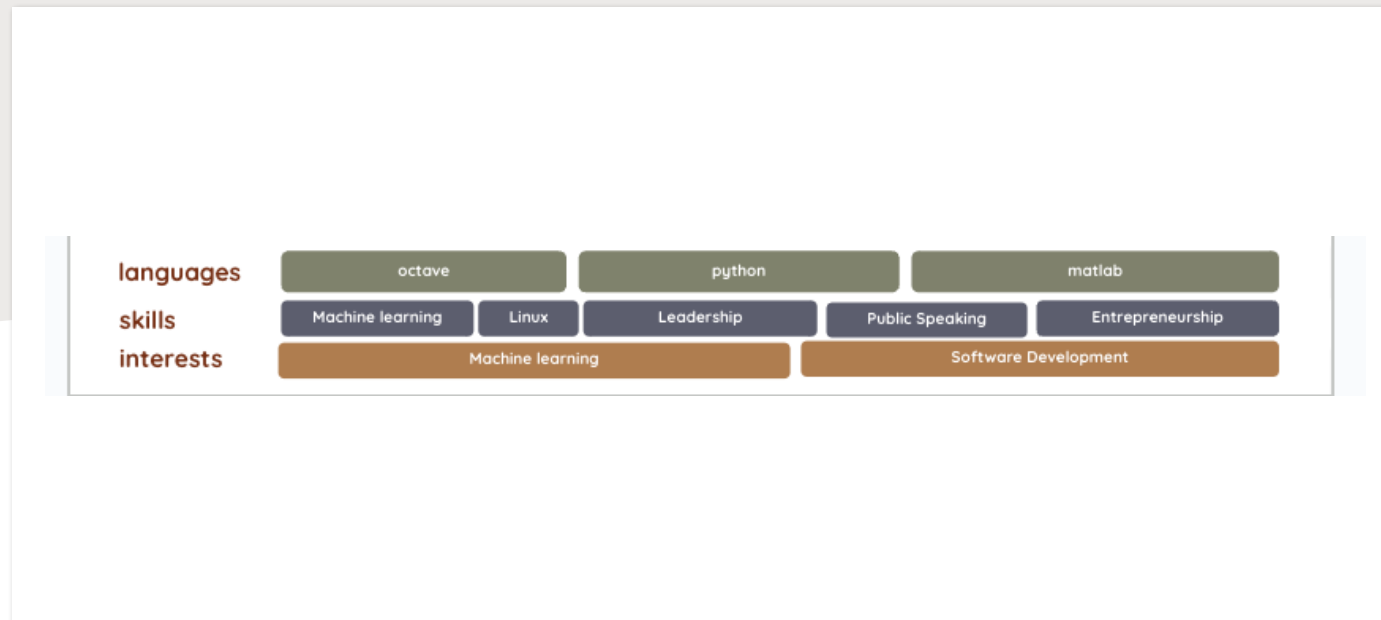
08/2020

Sample Resume

- Optional Sections. See other sections. You can include in Resume Guides.
- If you want to use them, make sure to do something new yearly.

community	Brand Ambassador -CUSA Hatch Entrepreneurship Centre, <ul style="list-style-type: none">• Carleton University Student Association (CUSA) Hatch is a student led entrepreneurship program that helps businesses in and from the Carleton University fraternity to start or grow from scratch with the aim of making a positive impact on the Carleton community.• As Brand Ambassador, I oversee promotional, advertising and community engagement campaigns with the aim of architecting the highest growth experience possible.	Since 10/2020
	Social Impact Panelist, Alumni Ambassador - Yale Young Global Scholars <ul style="list-style-type: none">• Discuss community projects with over 300 Yale Young Global Scholars students with the aim of motivating and inspiring them to make an impact in their communities.	06/2020
	Motivational Speaker - The Secret Initiative. <ul style="list-style-type: none">• Mentor high school and university students virtually by means of personal development tools to empower them pursue their passions while encouraging them to develop new skills on their journeys and adventures.	Since 02/2020
Awards	Climate Launchpad Global Finalist <ul style="list-style-type: none">• I finalized product designs of a zero emissions cookstove and was lead pitch deck presenter in the Kairos Energy team, Climate Launchpad 2020 Green Business national, continental and global competitions.	10/2020

Sample Resume



- Sections to demonstrate your technical proficiency.
 - Update according to job description

Sample Cover Letter

- Do not repeat your resume.
- Keep it professional.

September 1, 2021

Morgan Smith
Director of Communications
Jumpstart
308 Congress Street, 6th Floor
Boston, MA 02110

Dear Morgan Smith:

I am a senior at Harvard College studying History and Literature. I am writing to apply for the Marketing and Communications position at Jumpstart posted in Harvard's Crimson Careers database. I am excited about the field of education, and would welcome the opportunity to bring my strong communication skills, creativity, and marketing experience to your growing team.

Jumpstart's commitment to early education for every child is of particular interest to me because of my passion for youth development. This past summer, I worked as a senior counselor in the Summer Urban Program, which is dedicated to preventing summer learning loss for children in the Boston and Cambridge area. I designed and taught fun, interactive classes to a group of 10 fifth graders, and planned and led local field trips and workshops daily with a junior counselor. Throughout the summer, I consistently strived to create math, science, and reading lessons and activities that were engaging and tailored to my students' needs.

Additionally, in my role as the Director of Marketing for the Social Innovation Collaborative, I led our team in creating a social media strategy to drive our member recruitment efforts and promote our programs and events on platforms including Facebook, Twitter, and Instagram. With so many competing events on campus each day, I had to continually be creative in my approach to developing and delivering content that would be compelling and effective. As a result of my efforts, our group experienced a 20% increase in our membership base and a 15% increase in our social media engagement. I'm excited at the prospect of bringing the skills I developed through this experience to the Marketing and Communications role at Jumpstart.

Thank you for your consideration. I very much look forward to the opportunity to speak with you in person about my interest in this position.

Sincerely,

Alex Crimson

Interviews

Recommended Guide:

- [Techinterviewhandbook.org](https://techinterviewhandbook.org)
- neetcode.io
- leetcode.io
- youtube.com

Behavioral Interview Prep



Learn the STAR answer format



Prepare your answers to commonly asked questions



Prepare experiences to showcase fit to the company's culture / core values



Try out mock behavioral interviews (optional)



Use structured courses (optional)

Technical Interview Prep



Pick a good programming language to use (Python Recommended)



Plan your time and tackle topics and questions in order of importance



Combine studying and practicing for a single topic



Accompany practice with coding interview cheat sheets to internalize the must-dos and must-remembers



Prepare a good self introduction and final questions

Tech Interview Tips for 1st/2nd Years

Be

Be familiar with beginner level concepts (for loops, while loops, if statements).

Include

Include courses taken so far in your resume.

Read about

Read about basic data structures. (list, hash map, set etc)

Be

Be familiar with Fall midterm questions.

Practice

Practice LeetCode Easy Questions.
Medium Leetcode for 3rd/4th year internships.
Medium/Hard for New Grad positions.

Personal Experience

- Growth Mindset through internships
- First Internship Highlights
- Second Internship Highlights
- Third Internship Highlights





Thank You for Listening

- Q&A
- LinkedIn: Jonathan Ojangole
- Instagram: oj_jonathan_