



Constance Davis

multifaceted. passionate. steadfast.

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Education

Northeastern University, **Khoury College of Computer Sciences**, Boston, MA - September 2019 to Present

Candidate for a Bachelor of Science in Computer Science - Expected: May 2023

- *Relevant Coursework:* Fundamentals of Software Engineering | Theory of Computation | Networks and Distributed Systems | Object-Oriented Design | Algorithms and Data | Foundations of Data Science | Programming in C++
- *Honors:* GPA: 3.85/4.0 | Dean's List | Dean's Scholarship

Patchogue-Medford High School, Medford, NY - September 2015 - June 2019

- Received an Advanced Regents Diploma with mastery in science and mathematics.

Technical Knowledge

- Languages: Java | JavaScript | TypeScript | Python | C++ | HTML | CSS
- Tools: IntelliJ | WebStorm | VS Code | Eclipse | Git

Projects

Portfolio Website - React, JavaScript, HTML, CSS, Java, Spring Boot - December 2021 - January 2022

- Viewable at <http://condavis.com>.
- Created a React App to serve as an interactive extension to my resume, using functional components and react hooks.
- Implemented a simple Spring Boot API to return pieces of my art, randomly and specifically, and integrated calls to this API into the UI.

Tracking Social Issues in Presidential Speeches - Python - September 2020 - December 2020

- Led a team to create a predictive analysis model based on presidential speeches, yielding 70%+ accuracy in prediction of context based on text from speeches alone.
- Performed web-scraping using BeautifulSoup, and data cleaning to design the optimal dataset for predictive model training.

Experience

HubSpot, Boston, MA -Software Engineering Co-op FE - May 2020 - August 2020

- Took ownership of several features of a redesigned search component in React, including filtering of results, and state-dependent URL wiring.
- Proposed and implemented a search result section feedback feature to improve the quality of ranking of results.
- Implemented a refactored suite of Selenium acceptance tests using OOD to increase reusability and extensibility.

Camp Connect, Remote - Founding Member, Course Developer, Instructor - May 2020 - August 2020

- Founded an online summer camp along with a team of university students during the COVID-19 pandemic.
- Created courses in computer science, educating students on how to program in Python, HTML, and Scratch.
- Marketed summer programs leading to 250 students enrolled within 8 weeks.

Applied DNA Sciences, Stony Brook, NY - Programming and IT Intern - June 2017 - August 2018

- Performed technical tasks using Object Oriented Design and Model, View, Controller Design.
- Extracted data and cleaned data in SQL server databases.
- Managed phone and printer networks, and instituted phone network upgrades.

Interests

Acrylic Painting | Poetry | Freelance Seamstressing | Theater Costume Construction