

Joshua Franklin

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Education



Computer Science Major, Space Minor
University of Colorado at Boulder
May 2021
Overall Cumulative GPA: **3.7**
Computer Science GPA: **4.0**

Skills



Computer Programming
Proficient in languages including **C++**,
Python, **TypeScript**, **C#** and **Scala**.

Web Development
Proficient in technologies including
HTML, **CSS**, **JavaScript**, **Less**, **Angular**,
Django, **Flask**, **Play**, **Firebase**.

Awards



Lucid Programming Competition 2019
Winner of 1st Place.

T9 Hacks 2019
Winner of "Best Community Hack".

CU Local Hack Day 2018
Winner of "Most Random Hack".

Activities



CU Computer Graphics Club
2018 - Present
Vice President. Frequently give and listen to talks on computer graphics techniques.

CU Cyber Security Club
2017 - Present
Learn about cyber security attacks and defenses, and participate in simulated hacking challenges.

Professional Experience

Software Engineering Intern, Summer 2019

Lucid Software - Greater Salt Lake City Area

- Integrated various high level refactors like framework migration and dependency injection.
- Participated in the company's Hackathon, where my team extended our product's flowcharting tools to allow flowcharts to be run like a computer program.

Skills Applied: TypeScript, Scala, Angular, Less, Play, Git, Agile

Software Engineering Intern, Summer 2018

Cambridge Mobile Telematics - Greater Boston Area

- Created new features for a web portal that utilized a Python/Django and PHP backend.
- Worked with continuous customer feedback to tune the service to meet customer needs.

Skills Applied: Python, Django, SQL, PHP, HTML, JavaScript, CSS, Git, Agile

Software Engineering Intern, Summer 2015

PatientKeeper - Greater Boston Area

- Created web-based backend debugging tool.
- Worked closely with developers to tailor tool to their needs.

Skills Applied: Java, JSP, HTML, CSS, JavaScript, SQL

Freelance Web Developer, 2016 - 2019

- Designed and developed websites for small businesses.
- Experimented with design, and learned what makes a great user interface.
- Past work can be found at joshfrankl.in/web.

Skills Applied: HTML, CSS, JavaScript, WordPress

Computer Science Course Assistant, Spring and Fall 2018

University of Colorado at Boulder - Boulder, CO

- Held office hours and answered students' questions for the "Starting Computing" course at CU Boulder.
- Learned how to effectively teach students computer programming skills.

Skills Applied: C++, Python, Teaching

Volunteer Technology Assistant, 2013 - 2017

Natick Council on Aging - Greater Boston Area

- Taught technology skills to senior citizens and helped senior center staff with IT problems.

Skills Applied: IT, Tech Support, Microsoft Office, Teaching