

# Joshua Franklin

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## Education



**Computer Science Major, Space Minor**  
*University of Colorado at Boulder*  
May 2021  
Overall Cumulative GPA: **3.673**  
Computer Science GPA: **4.0**

## Skills



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

**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 defences, 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](http://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