

Joshua T. Prince
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EDUCATION

University of California, Davis:

Bachelor of Science in Computer Science and Engineering, *Expected Graduation June 2019*

Cumulative GPA: 3.92

Dean of Engineering Honor List, all (6) quarters to date

Recipient of Thomas E. Bruzzone and Seward and Clara Patterson Scholarships

Relevant Coursework:

- Computer Graphics
- Computer Architecture
- Algorithm Design and Analysis
- Programming Languages

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java; Familiar with C#, HTML/CSS/JavaScript, ASM

Operating Systems: Windows (Vista, 7, 8, 10), Linux (Ubuntu, Fedora); Familiar with Mac OS

Software and APIs: Git, Bash Shell, Django; Familiar with Qt, VMWare, Apache web server, MySQL

PROJECTS

- “Perspecticles,” *HackDavis 2017*
 - Built a Google Chrome extension that researches and provides the user alternative viewpoints on controversial issues
 - Wrote backend in Python, incorporating IBM’s Watson and Bing APIs and Django framework
 - Worked as a team with frontend developers to bring together a coherent extension
 - Winner of the “Hack Harassment” award at HackDavis 2017
- “Cassoundra”
 - Created a service that allows users to upload sound effects, songs, or any MP3 files with a web interface and easily replay them into voice calls
 - Built backend in Python with Django framework and self-hosted with Apache web server
 - Designed web interface with Twitter Bootstrap, HTML, CSS, and JavaScript
- Home Linux Server
 - Established and continue to run a headless Ubuntu Linux server from home
 - Installed other personal projects, frequently using SSH, Apache, and various command-line tools
- Game Development
 - Created two games with given themes at the UC Davis Game Development and Arts Club’s Game Jams
 - Wrote scripts in C# to create games with the Unity game engine
- “Work It!”, *HackDavis 2016*
 - Developed a smartwatch app that encourages exercise by relating calories burned to equivalent foods
 - Wrote code in C and designed a graphical user interface for the Pebble Time smartwatch

EMPLOYMENT HISTORY

- **Transit Driver**, ASUCD Unitrans, Davis, CA *March 2017-Present*
 - Transport students and residents of the University and City of Davis on 19 bus routes, carrying over 20,000 riders per day
 - Inspect vehicles to Department of Transportation standards, to provide safe and reliable service
 - Communicate with passengers directly to provide clear directions and scheduling information