



Jonah Ezra Rubin

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Education

B.S., Computer Science
Harvey Mudd College | Claremont, CA | Expected 2019
GPA: 3.96 (Dean's List every semester)

Relevant Coursework

In Progress: Algorithms, Computer Security
Completed: Machine Learning, Neural Networks, Computational Linguistics, Programming Languages, Software Development, Data Structures & Program Development, Computer Systems, Computability & Logic, Linear Algebra & Differential Equations

Skills

Programming: Python (incl. NumPy & SciKitLearn), Ruby (incl. Ruby on Rails), C/C++/C#/Objective-C, Java, MATLAB, Haskell, HTML, CSS, JavaScript, MySQL
Supporting Software: Adobe CS6 Creative Suite, Unity, Blender

Related Experience

Facebook, Inc. | Software Engineering Intern | Menlo Park, CA **5/2018–8/2018**

- Completed independent Virtual Reality project as part of Social VR organization
- Completed two additional projects due to finishing intern project ahead of schedule
- Collaborated closely with senior engineers to solve problems in graphics, networking, and VR activity design
- Used Unity/C#

Age of Learning, Inc. | Unity Development Intern | Glendale, CA **5/2017–7/2017**

- Constructed Unity plugin to streamline compiling iOS/Android applications
- As part of an 11-person Scrum team, developed new experience for early-childhood-learning mobile application
- Used Unity/C# and Objective-C

Yelp, Inc. | Software Engineering Intern | San Francisco, CA **5/2016–8/2016**

- Built backend and frontend for “Business Containers” feature to track businesses inside other businesses (e.g., stores inside malls)
- As part of a team of 3, developed “PokéStop Nearby” search filter
- Modified large codebase including databases, frontend, and backend
- Used Python, JavaScript, HTML/CSS, and MySQL

CS Related Projects

- **Classroom Dashboard** – Developed a Ruby on Rails education tool as part of a 4-person team for Software Development course
- **Space Privateer** – Built a 3-d space dogfighting game in Unity3d and C#
- **RWAC** – Designed and tested an online review comprehension algorithm as part of the UCSB Research Mentorship Program
- **More Projects** – including static and dynamic websites, plus more details and links can be found at www.jonaherubin.com