

Courtney Chu

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cchu1008.github.io

Education

California Polytechnic State University San Luis Obispo
Bachelor of Science, Computer Engineering

San Luis Obispo, CA
Exp Graduation: June 2018
Major GPA: **3.2/4.0**

Dean's Honor List [June 2015, June 2017]

Honor's List [Sept 2014 – Present]

Related Coursework

357: *Systems Programming* (Introduction to C Programming) [pipes, forks, system calls]

315: *Computer Architecture* (Introduction to ARM Assembly)

233: *Computer Design and Assembly Language Programming* (Continuation of VHDL Programming)

Skills

Programming Languages: Java, Python, HTML, C, VHDL, ARM Assembly

Circuits Practical Experience: Soldering, Crimping, Wire Stripping, Project Troubleshooting

Data & Image Manipulation: Microsoft Excel, Adobe (Photoshop, Illustrator, InDesign)

Website Design and Management: Blogspot, Facebook, Wordpress

Continuous Integration Tools: Travis-CI, SonarQube

Projects

Chess: An Interactive Experience (Java) [WIP]

June 2017

- Learned how to use Eclipse, Travis-CI, and SonarQube to create and monitor a desktop application of chess
- Developed public speaking skills while performing periodic presentations on various stages of the project
- Adapted code to work with Slick2D to produce a semi-intuitive user interface

Sequential Lock (VHDL)

December 2015

- Collaborated with a partner to create a working 7-segment display for the input values and final message.
- Synthesized code to a BASYS3 board to create a game with a 4-digit code that would display a congratulatory message when solved.

Bytes and Bits (HTML/CSS/JavaScript) [WIP]

March 2016 – Present

- Created personal website from blank github.io page
- Utilized JavaScript to autofill age, year in school, etc.

Work Experience

Webmaster (Visionary Optometry, ©KATYA)

Sept 2014 – Present

- Utilized aspects of HTML, CSS, and various Adobe programs to:
 - Create banners
 - Create and modify websites

Desk Assistant (Cal Poly Housing)

Sept 2016 – Present

- Answer phone calls at a front desk in Poly Canyon Village (residence hall)
- Resolve emerging conflicts by directing residents to appropriate resources

Documents Intake Center Assistant

May 2017 – Present

- Honed attention to detail while digitalizing physical documents

Honors & Awards

Cal Poly Scholars' Scholarship

Sept 2014 – Present

Northrop Grumman Scholarship

Sept 2015