

Cole Brossart

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Education

University of Southern California, Los Angeles, CA

Graduation: May 2018

GPA 3.7

- B.S. in Computer Science Viterbi School of Engineering
- Minor in Technology Commercialization Marshall School of Business

Relevant Courses

- Data Structures and Algorithms; Professional C++
- Software Engineering; Principles of Software Development

Technical Skills

Languages: Proficient in C++, Java, and Python

Programs: Eclipse, Xcode, MySQL, Android Studio, Sublime, and Xilinx

GitHub: <https://github.com/cbrossar>

Related Work Experience

Software QA Engineering Intern at Minerva Networks -- Python, Perl

June 2016 – August 2016

- Developed an automated test for the Minerva 10 Web Client to test the functionality and performance of all features
- Navigated the website in an automation script using Selenium WebDriver to serve as a regression test detecting if new builds break core functionality
- Created an ecosystem debug tool in Jenkins for continuous integration by parsing through server log files to organize and display key errors and exceptions

Chegg Tutor

October 2013 – Present

- Online paid tutor for a variety of subjects: Intro to Computer Science courses (C++, Java, & Python), Calculus, Trigonometry, Algebra, etc.

Setmusic LLC Internship -- Java

December 2014 – March 2015

- Implemented new features and fixed bugs on the Android app

Related Projects

ParkHere App -- HTML, CSS, JavaScript, Java

September 2016 – Present

- Worked with a team to develop the front end and business logic of an Android app where users can reserve and rent out parking spaces
- Framework: Ionic/NodeJS; APIs: Parse, PayPal

Sun and Surf App -- Java

April 2016

- Implemented an Android app with a team at UCSB Hackathon to locate where sunscreen was not applied to your body using thermal camera (FlirOne API)

MaxAER Game -- Java

March 2016 – April 2016

- Developed a computer game using databases, networking, and multithreading

Extracurriculars & Community Service

USC Men's Club Soccer Team

September 2014 – Present

- World Elite University Football Tournament in Beijing, China -- Summer 2016

Joint Educational Project Service Learning Tutor

September 2014 – May 2016

- Tutor students in Computer Science and Math in downtown Los Angeles area

ALearn Teacher in Math and College Readiness

July 2015 – August 2015

Association of Computing Machinery Club Member

January 2016 – Present

USC Sigma Nu Fraternity member: Epsilon Omicron chapter

January 2015 – Present

Honors

USC Viterbi School of Engineering Dean's List

Fall 2014, Spring 2015, Fall 2015, Spring 2016

- Achieved a 3.5 or above at USC every semester