

Jeremy J. Kerby

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EDUCATION

University of San Francisco

May 2018

B.S. in Computer Science, **Minor** in Chinese Studies

GPA: 3.54, **Honors:** Cum Laude, USF Dean's List

Relevant Courses: Systems Foundations (Graduate Course, C/ARM Assembly), Senior Team Project, Operating Systems, Data Structures and Algorithms, Parallel/C Programming, Software Development OOP

Santa Barbara City College

A.S. in Computer Science, **A.A.** in Science and Math

EXPERIENCE

Senior Team Project - Python

University of San Francisco, San Francisco, CA

August 2017 - December 2017

- Worked with a top industry partner, Twitter, Inc. to develop a sophisticated Python application.
- Front-end was written in JavaScript, back-end was written in Python, data was stored in a MySQL database. Application utilized multi-window user interface, thousands of rows of data, and communicated with a third-party API.
- Elected team lead of a group of four students. Responsible for communicating directly with project sponsor to gather ambiguous complex requirements as well as provide feedback to the team.
- Won best team award by faculty.

Instructional Student Assistant - CS/Math

CSU Channel Islands, Camarillo, CA

August 2015 - May 2016

- Worked as an on campus tutor in a community of diverse students in a one on one or group setting.
- Provided tutoring in computer science courses; Data Structures, OOP, MySQL, MS Office.
- Provided tutoring in math courses; Calculus II, Calculus I, Linear Algebra, Algebra, Geometry.
- Paid position to work directly with a math professor as a homework grader for a Calculus I class.
- Note: Transferred to USF

Software QA Engineer

Invoca, Santa Barbara, CA

January 2014 - March 2015

- Developed and executed usability as well as behavioral test plans covering a wide array of edge cases.
- Investigated and analyzed issues facing the enterprise suite. Created and tracked issues on Jira.
- Collaborated with my scrum team members on a daily basis to communicate detailed information about current issues.
- Extensively utilized tools such as Jira and Trello to track issues, Slack to communicate with the team, and Github to investigate issues in the code base.

PASSION PROJECTS

Cardio Buddy

<https://github.com/jeremyjkerby/CardioBuddy>

Status: In Development

- Allow Android users to track cardio workouts and have ability to backup their information to a Python server.
- Python server built with Flask framework, MySQL database, and provides custom built API to communicate with multiple Android devices.
- Android application utilizes multi-window user interface, stores data locally on user devices using SQLite, and communicates with a headless server via a custom built API.

COMPUTER SKILLS

Languages: Python, Java, JavaScript, PHP, C

Databases: MySQL, MySQL Workbench

Additional: Git, Vim, OSX, Windows, RESTful API, Jira, Slack, Google Suite, Microsoft Office (Word, PowerPoint, Excel), Agile Development, Scrum

Personal: time management, detail oriented, problem solver, communicative, collaborative, energetic, passionate

INTERESTS

cold-brew, hot-pot, cooking, hiking, running, Android, TechCrunch, Wired, HackerRank