

Zachary “Zed” Chance

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EDUCATION

CALIFORNIA STATE UNIVERSITY: SACRAMENTO

2020–2022

Bachelor of Science – BS, Computer Science

Mathematics Minor

SIERRA COLLEGE

2018–2020

Associate of Natural Science – AS, Natural Science

EXPERIENCE

STUDENT EMPLOYEE, CSUS

2021–CURRENT

Student developer for SecTutor project, supervised by Professor Jun Dai. SecTutor is an intelligent tutoring system (ITS) funded by the NSF to study common misconceptions in secure programming. SecTutor helps students learn common programming misconceptions through multiple-choice quizzes, and allows teachers to see where their students may be struggling. Lead development on web app built using Django.

COMPUTER SCIENCE TUTOR, SIERRA COLLEGE

2019–CURRENT

Computer lab instructional assistant, supervised by Professor Barry Brown. Provided support for students in all lower division computer science courses, and tutoring assistance via Zoom during work-from-home.

PROJECTS

REELRADIO INC.

SENIOR PROJECT

Our team revamped the ReelRadio website using an Agile process. We worked with our client to develop mockups, prototypes, and user stories. Implemented changes in 2 week sprints, including documentation and version control.

THEIA SIERRA IDE

Student developer for Theia Sierra IDE project, supervised by Professor Barry Brown at Sierra College. The Theia Sierra IDE project is an online development environment for students. Built using open source software Docker and Eclipse Theia.

OSCARS REST API

Our team developed a RESTful API that returns information about Oscar nominated movies. Developed using Agile principles and code review. Implemented in Java using Spring.

SKILLS

C Java Python git Docker Django Linux Tutoring