

Sebastian Simmons

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PROJECTS

TCP Cache Server and Client — C++
2020

March 2020- May

Class project for a Computer Systems course

Wrote the REST API and the server/client to handle remote storage and retrieval of information

PHP to Python Django Conversion — Python
2015

November 2014- June

Converted coststudies.ucdavis.edu, a PHP website, to run on the Django web framework

Developed **Python web scraper** to download university-owned files hosted on a third party website

Wrote database models for storing application data

Designed applications to display published research per client specifications

EDUCATION

Reed College, Portland, OR — *Computer Science*
2021

Expected to graduate May

Relevant coursework

CSCI 382 - Algorithms & Data Structures - Used the CLRS Introduction to Algorithms textbook

CSCI 389 S - Computer Systems

CSCI 221 - Computer Science Fundamentals II

MATH 113 - Discrete Structures

University of California Santa Cruz, Santa Cruz, CA
2018

September 2017 - May

Transferred to Reed College

EXPERIENCE

Reed College Audio-Visual Portland, OR — *Assistant AV Technician*

March 2020-Present

I have completed roughly 30 hours of online training as COVID-19 delayed AV events for the time being

Galaxy Dance Arts, Elk Grove, CA — *Summer Camp Counselor*
2019

June 2019-August

Assisted dance instructors running a 1st-2nd grade level dance summer camp

Supervised kids during snack time while instructors took their break

UC Davis, Davis, CA — *ARE Technology Intern*
2017

October 2014- June

Highlighted Project: Porting PHP website to Django

Converted a PHP website to the Python Django framework

Wrote web-scraper to download research papers off a third-party hosting website

Provisioned and imaged new iMacs for use in a computer lab

Setup authentication with on-campus Kerberos servers

Davis Paintball, Davis, CA — *Referee*
2018

June 2016 - August

Instructed customers on the procedure for safe play

Managed professional team practice scrimmages

Refereed ongoing games and ensured a safe area of play