Spencer Mitchell

Currently a CS student at Oregon State University and Jr. Developer at SED Quaere. My main language proficiency is Python, followed by C/C++, Scheme, and JavaScript. A pdf version of this page can be found here

Employment History

SED Quaere

Jr. Software Developer

July 2016 - Present

- Created several full stack web applications

  Features included:

    - User login/logout funciontality
    - Permissions system for allowing/denying users access to specific pages
    - Downloading files from a file system
    - Displaying system data
    - Storing user input in SQL databases

  Technologies used:

    - Flask
    - React
    - uWSGI
    - NGINX

Dartmouth-Hitchcock

Lab Technician

September 2015 - June 2016

- Process hosptial samples for appropriate tests
- Provide support for doctors and nurses regarding proper sample handling and collection

City of Pomona

Community Services Specialist II

February 2014 - June 2015

- Supervised four after school recreation sites
- Created programming that was implemented across all recreation sites in Pomona with a focus on physical activities

University of California, San Diego

Research Assistant

July 2012 - June 2013

- Assisted senior scientists with research experiments on nuclear pore proteins and their configuration during mitosis

    Techniques used:

    - Western blotting
    - Immunoprecipitation
    - Immunofluorescence
    - Cell culture

Personal Projects

Cuttle

A small, extendable ORM.

- Docs (https://cuttle.readthedocs.io)
- Github (https://github.com/smitchell556/cuttle)

Education

Oregon State University

B.S. Computer Science (In Progress)

March 2016 - Present

Coursework

- Web Development
- Data Structures
- Computer Architecture & Assembly Language
- Intro to Computer Science I & II

Projects

- Adapt Tutorial (https://smitchell556.github.io/CS-290)

University of California, San Diego

B.S. Cell Biology (Completed)

September 2010 - March 2013

Contact

Feel free to contact me for any general queries or requests.

- Email (smitchell556@gmail.com)

- LinkedIn (https://linkedin.com/in/spencerjmitchell)