

# 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

- Make full stack web applications using Flask, uWSGI, and NGINX, that focus on interactions with the file system and storing client data and inventory.
- Write Python scripts on an as needed basis.

### Dartmouth-Hitchcock

#### *Lab Technician*

September 2015 - June 2016

- Processed hospital samples for appropriate tests.
- Provided 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 using western blotting, immunoprecipitations, immunofluorescence, and cell culture.

## Personal Projects

### Cuttle

A Python ORM that creates relational databases and manipulates tables. It's goal is to be easy to use and extendable by allowing users to write custom methods on the user defined subclasses that represent the database tables.

- Docs (<https://cuttle.readthedocs.io>)

- [GitHub \(https://github.com/smitchell556/cuttle\)](https://github.com/smitchell556/cuttle)

## Cuttle Pool

A connection pooling implementation in Python that accepts any SQL driver.

- [Docs/GitHub \(https://github.com/smitchell556/cuttlepool\)](https://github.com/smitchell556/cuttlepool)

## Education

### Oregon State University

#### ***B.S. Computer Science (In Progress)***

March 2016 - Present

##### *Class Projects*

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

#### ***Note***

This is not indicative of all the projects done at OSU, but those that are allowed to be made public by the professors.

### 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.

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- [LinkedIn \(https://linkedin.com/in/spencerjmittchell\)](https://linkedin.com/in/spencerjmittchell)