

# Spencer Mitchell

Currently a CS student at Oregon State University and Jr. Developer at SED Quaere. My main language proficiency is Python, followed by JavaScript, Common Lisp, Go, and C/C++.

## Employment History

### SED Quaere

#### *Jr. Software Developer*

July 2016 - Present

- Make full stack web applications using PHP, Flask(python), and Caveman2(Common Lisp), that focus on interactions with the file system, storing client data, inventory management, and bookkeeping.
- Experience configuring multiple web servers including Apache and NGINX.
- Created software using Go for executing system commands on remote servers.
- Write 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, Teaching Aide, and Tutor*

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.
- Tutored foster care youth.
- Assisted teaching a STEM class for the children of migrant farm families.

### 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 Pool

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

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

## Flask-CuttlePool

A Flask extension for Cuttle Pool.

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