

# Alex Buechele

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alexbuechele.com | github.com/alexbuechele

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## SKILLS

**Languages:** JavaScript, Golang, Python, C/C++, SQL, HTML5, CSS3, SQL

**Frameworks & Libraries:** React, Angular, Node.js, gRPC, Express, jQuery, Bootstrap, Django, Flask

**Tools and Technologies:** PostgreSQL, MongoDB, Docker, Kubernetes, NGINX, AWS, Azure, Git, Linux

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## DEVELOPER EXPERIENCE

### Backend Software Developer Intern

*Circadence*

San Diego, CA

May 2019 – Present

- Fixed bugs and developed new features for microservices written in Golang, deployed with Docker/Kubernetes and hosted on Azure
- Occasionally helped out with development of the React web client
- Utilized Scrum workflow, CI/CD with Jenkins, and a host of different tools and technologies

### Self-study and Freelance Web Development

*Self*

Seattle, WA

Sept 2017 – May 2019

- Worked on a team to migrate a Ruby-on-Rails app to React
  - Created and maintained static web pages for small businesses and individuals
  - Ongoing independent study of CS fundamentals and full-stack web development
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## PERSONAL PROJECTS

### Personal site (JavaScript)

- Node/Express backend with traffic logs and visitor messages saved to a database
- Powered by AWS - Runs on an EC2 instance in a S3 bucket, PostgreSQL database

### Accountability raspberry pi tool (Python)

- Lights up different colored LEDs corresponding to goals/to-dos not yet completed
- Makes calls to external APIs to update state

### Campsite game/puzzle (React)

- Player attempts to pair resources on a 2D grid optimally given certain constraints

### Stock trading simulator (Python)

- Used an external API to fetch current stock prices
- Users could “buy” and “sell” stocks with imaginary currency and view their transaction history
- Powered by Flask, Bootstrap, utilized a SQLite database

### Mentor-mentee pairing app (Python)

- Served as a tool to pair students with matching study goals
  - Built on Django, with a PostgreSQL database
  - Followed test-driven development principles using Pipenv, Pytest
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## EDUCATION

### University of Houston

BS in Chemistry, Minor in Math, GPA: 3.63

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## OTHER WORK EXPERIENCE

### Furniture Mover

*Rosichelli Design*

Seattle, WA

Jan 2019– May 2019

### Holiday Package Carrier

*UPS*

Seattle, WA

Nov 2018– Dec 2018

### Lab Technician

*PMO Care*

Bellevue, WA

July 2016 – August 2017

### Medical Assistant

*Seattle Healing Arts Clinic*

Seattle, WA

Oct 2015 – June 2016

### Graduate Researcher, Organic Chemistry

*University of Houston, Gilbertson Group*

Houston, TX

Aug 2012 – July 2014