

# Austin Do

## Software Engineer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

I'm a solutions focused software engineer with experience developing and managing LIMS applications. My involvement at the intersection of operations and sales inspired me to continuously improve user systems and has taught me to value open communication and active collaboration.

### SKILLS/ABILITIES

Programming Languages: Python, JavaScript, HTML, CSS, R, SQL

Database: MongoDB, PostgreSQL, Django

Frameworks and Libraries: Node.js/Express, React, Vue, Dash

Tools/Other: Git, GitHub, RESTful APIs, AGILE Project Management, Tableau

### PROJECTS

- **Palmer Penguins** | Plotly Dash App | [GitHub Repo](#) | [Demo](#)  
Dash app with multiple pages visualizing Palmer penguin data from Kaggle.
- **Promoto** | MERN stack App | [GitHub Repo](#) | [Demo](#)  
Full stack MERN app that allows users to share and post their own content about their favorite artist, genre, or song.
- **Sustainable Seafood** | Built with HTML, CSS, JavaScript | [GitHub Repo](#) | [Demo](#)  
Website that pulls fish data from the [FishWatch API](#) to display information on fish species and their sustainability rating. Users can see a list of all species, view their source locations, and search for specific fish in the database.

### EXPERIENCE

#### Software Engineering Immersive Fellow

June 2022 - September 2022

General Assembly | Remote

- Completed 12 weeks of instruction in JavaScript, CSS, HTML, Python, Django, PostgreSQL, Sequelize, React, and Node.
- Developed front-end, back-end, and both MERN and PERN full-stack projects.

#### Senior Production Planner

September 2019 - February 2022

Synthego Corporation | Menlo Park, CA

- Promoted from Production Planning Lead to Senior Production Planner in September 2020 for consistently fulfilling sales 5%-10% above target
- Managed an algorithm alongside the Software and DevOps teams to automate the planning of over 300 synthetic RNA orders on a daily basis
- Analyzed and presented over 5 different production metrics at daily standup meetings to the operations leadership team
- Implemented changes to improve efficiency by 15%, reduce waste, and uphold quality standards as the Continuous Improvement Committee Lead
- Maintained a steady TAT for our standard orders while juggling special library and GMP orders requiring coordination with Project Managers

#### Research Associate

October 2018 - September 2019

Synthego Corporation | Menlo Park, CA

- Processed over 200 orders daily using our in-house LIMS application and Django
- Advised and trained a team of 36+ associates and communicated progress to PMs

### EDUCATION & CERTIFICATIONS

Software Engineering

September 2022

General Assembly

B.S. Biological Sciences

June 2018

University of California, Santa Barbara