

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: JavaScript, Python, SQL, HTML, CSS, R
Database: PostgreSQL, MongoDB
Frameworks and Libraries: Django, Node.js, Express, React, Vue, Dash
Tools/Other: Git, GitHub, RESTful APIs, Tableau

PROJECTS

- **Nucleus** | React and PostgreSQL/Django | [Front-end Repo](#) | [Back-end Repo](#)
Full stack app that allows users to create a profile, upload sgRNA designs, and visualize data regarding the efficiency of their edits.
- **Promoto** | MERN stack App | [GitHub Repo](#) | [Demo](#)
MERN stack 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 work 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 quarterly sales 5%-10% above target
- Designed and managed an algorithm alongside the Software and DevOps teams which saved 2 hours of manual processing work daily by automating the planning of over 300 synthetic RNA orders
- Assisted in code review and planning of sprints using Agile methodology (Scrum)
- 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

Research Associate

October 2018 - September 2019

Synthego Corporation | Menlo Park, CA

- Processed over 200 orders daily using our in-house LIMS application and Django
- Executed Python scripts to generate complex custom library orders and communicated feasibility to Sales Ops
- Advised and trained a team of 36+ associates and communicated progress to PMs

EDUCATION & CERTIFICATIONS

Software Engineering
General Assembly

September 2022

B.S. Biological Sciences
University of California, Santa Barbara

June 2018