Aucoeur Christine Ngo

▪ aucoeur.dev ▪ aucoeurngo@gmail.com ▪ 626.498.5783 ▪ Los Angeles, CA ▪
▪ linkedin.com/in/aucoeurngo ▪ github.com/aucoeur ▪ makeschool.com/portfolio/aucoeurngo ▪

EDUCATION

Bachelor of Science in Applied Computer Science   **Anticipated Aug 2021**
Dominican University of California, Make School   *San Francisco, CA*

WORK EXPERIENCE

Curriculum Assistant   **Sept 2020 - Present**
Make School   *San Francisco, CA*

- Developed comprehensive resource of **CS Data Structures & Algorithms** concepts for technical interview prep distributed to **200+ students**
- Refactored instructional tutorial from **Django** with **NoSQL / MongoDB** for **Flask** & **SQL**

Industry Partner Collaboration - Caltech   **Oct 2020 - Jan 2021**
Make School   *San Francisco, CA*

- Automated **75%** of manual administrative process by developing tool that parses data & generates confidential PDF forms for eSignature with **Google Apps Script**
- Facilitated sprints, planning, retrospectives & demo meetings using **Agile** methodology as **PM / SCRUM master** on a team of 5 engineers

Techlab Manager / IT Associate   **Oct 2015 - Aug 2019**
California Institute of Technology   *Pasadena, CA*

- Cultivated makerspace from summer pilot program into a thriving & permanent service
- Managed rotating **team of 7-10** part-time student workers, volunteers and library staff
- Consulted for faculty, post-doc, grad & staff researchers on projects requiring **customized & novel design analyses** & fabrication strategies
- Registered over **600 users**, onboarding 10-25 new users per month, producing monthly averages of 425+ successful print jobs between 85+ unique users by Dec 2018 (data collected from Fall 2015 soft-launch to Dec 2018)

PERSONAL PROJECTS

pdlauncher // https://www.npmjs.com/package/pdlauncher

- Published **NPM** utility that launches a peardeck session in-browser via **command line** to reduce tedious, multi-click process into one command (**500+ downloads**)

rpdrAPI // https://aucoeur.dev/rpdrAPI

- Authenticated **RESTful API** for creating, retrieving and modifying RuPaul's Drag Race trivia implemented with **Node.js**, **Express**, & **MongoDB**

gobookie (under development) // https://github.com/aucoeur/gobookie

- An ongoing, experimental **golang CLI** project exploring **Google Cloud Vision API** and **image processing** modules with the goal of allowing users to quickly catalog their books, check prices for resale, donation, etc in one snapshot

3Dprinting Visual Displays // https://www.thingiverse.com/thing:2512390

- Designed, printed & shared Open Source CAD models as a visual learning aid for newcomers to 3D printing, used internationally. (**190k+ views, 42k+ downloads** to date)

TECHNICAL SKILLS

Languages: Python, Javascript, golang, shell
Backend: NodeJS, Django, Flask, GraphQL
Frontend: ReactJS, D3.js, Scss/Sass, CSS, HTML
Tools: Docker, AWS, Heroku, Jira, TravisCI

Databases: MongoDB, PostgreSQL
Web Scraping: chromedp, colly
Data Visualization: matplotlib, pandas, numpy
APIs: Cloud Vision, Mailgun, Stripe & more