
Aucoeur Christine Ngo

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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 administrative process by parsing & merging data with configurable templates & generating PDFs for eSignature using **Google Apps Script & Pandadoc**
- 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 (**400+ 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** project exploring **Google Cloud Vision API** and **CLI image processing techniques** with the goal of allowing users to quickly catalog their books, check prices for resale, donation, etc in one snapshot

TECHNICAL SKILLS

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

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