
Aucoeur Christine Ngo

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EDUCATION

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

WORK EXPERIENCE

Curriculum Assistant **September 2020 - Present**

Make School - San Francisco, CA

- Developed comprehensive resource of **Data Structures & Algorithms** concepts for technical interview prep
- Refactored instructional tutorial for **Django** with **NoSQL / MongoDB** for **Flask & SQL**

Industry Partner Collaboration - Caltech

October 2020 - January 2021

Make School - San Francisco, CA

- Automated **75%** of manual administrative process with **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, Digital Library Development

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 student workers, volunteers and library staff
- Consulted on faculty, post-doc, grad & staff researcher projects with use cases requiring custom 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

rpdrAPI

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

Letterkenny Sentence Generator

- Implemented basic **NLP** via Markov chains to generate (nearly) 'real' sentences from TV script corpus data and deployed using **Python, Flask & Docker**

Matchie Samesies

- Created card matching memory game using **HTML, CSS, Javascript, ReactJS & Redux**

TECHNICAL SKILLS

Languages: Python, Javascript, Go, Bash scripting

Backend: NodeJS, Express, Django, Flask

Frontend: ReactJS, D3.js, Scss/Sass, CSS, HTML

Tools: Docker, AWS, Serverless, Heroku, Jira

Databases: MongoDB, PostgreSQL

Data Scraping & Vis: chromedp, colly, matplotlib, pandas, numpy

APIs: Cloud Vision, Mailgun, Stripe