
Aucoeur Christine Ngo

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EDUCATION

Expected August 2021

Dominican University of California, Make School - San Francisco, CA Aug 2019 - Present

Bachelor of Science in Applied Computer Science, Backend & Frontend Concentrations

TECHNICAL SKILLS

Languages: Python, Javascript, Go, Bash scripting
Backend: NodeJS, Express, Django, Flask, socket.io
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

WORK EXPERIENCE

Make School - San Francisco, CA

September 2020 - Present

Curriculum Assistant

- Published comprehensive review for fundamental **Data Structures & Algorithms** courses
- Refactored instructional tutorial for **Django** with **NoSQL / MongoDB** for **Flask & SQL**

Industry Partner Collaboration - Caltech - Thesis Embargo Decision Workflow

- Automated 75% of manual administrative process with **Google Apps Script & Pandadoc**
- Facilitated sprints, planning, retrospectives & demo meetings using **Agile** practices as **PM / SCRUM** master on a team of 5 engineers

California Institute of Technology - Pasadena, CA

June 2009 - Aug 2019

Techlab Manager/IT Associate, Digital Library Development

Oct 2015 - Aug 2019

- Cultivated a pilot makerspace program into a thriving & permanent service
- Managed rotating team of student workers, volunteers and library staff
- Consulted on faculty, post-doc, grad & staff researchers projects with unique use-cases that needed further 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)

IT Support Assistant, Library IT

June 2014 - Oct 2015

Circulation Support Associate, Access & Fulfillment Services

June 2009 - June 2014

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

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