

Cam M. Nguyen

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EDUCATION

Princeton University

May 2015

Bachelor of the Arts, Sociology

Princeton, NJ

- Participated in Bridge Year Program, spent a gap year in Ghana working at a hospital and teaching at a rural middle school through World Learning. Forged relations between World Learning and Ridge Regional Hospital, establishing intern program.
- Triple 8 Dance Company (choreographer & board member), Black Arts Company Dance (choreographer), AKWAABA, DREAM, CBAP

The ODIN Project

Mar 2021 - Current

Online Full Stack Curriculum

<https://www.theodinproject.com/>

- Project based full stack curriculum emphasizing problem solving. Covers HTML, CSS, Javascript, Git, GitHub, Express, MongoDB, NodeJS, Webpack, and React.

Google IT Automation with Python Professional Certificate

Jan 2021 - Mar 2021

Online Specialization Course

Coursera

- Six course certificate designed by Google covering Python, Git, and IT automation. Providing a strong foundation in Python, Git, GitHub, debugging complex problems, applying automation at scale, configuration management, and cloud infrastructure.
- Course verification: coursera.org/verify/professional-cert/586ESVAT5TTR

RELEVANT EXPERIENCE

Projects

Mar 2021 - Current

Code available on GitHub

<https://cambuchi.github.io/blog/projects/>

- **Yu-Gi-Oh! LOTD: Card Finder** <https://cambuchi.github.io/LOTD-Link-Evolution-Card-Finder/>
 - Card finding web application utilizing the Yugipedia Mediawiki API to grab card art and information.
- **To Do List** <https://cambuchi.github.io/odin-todo-list/>
 - Fully featured to-do-list application written entirely in JavaScript and built with Webpack. Uses local storage to keep track of task history across usages.
- **Unbeatable Tic-Tac-Toe** <https://cambuchi.github.io/odin-tictactoe-ai/>
 - Play against an unbeatable Tic Tac Toe opponent. Written in JavaScript and utilizing min-max recursion for AI strategy.
- **The Library** <https://cambuchi.github.io/odin-library/>
 - Web application to keep track of which books in your library have been read with an easy to use UI. Uses Google Books API to get book covers and page counts.
- **Sagacious Saga Bot** <https://github.com/Cambuchi/Sagacious-Saga-Bot/>
 - A python application to automatically play Sagacious Saga using flood-fill recursion strategy.

Freelance Coding Work

Dec 2021 - Current

Code available for viewing with permission

- Hired to web-scrape mangaupdates.com for translating group to determine which manga were best candidates for targeting.
- Hired to write program to automate manufacturing company's processing of incoming purchase orders and output all required documents into ISO compliant documentation for industry and regulation standards. Saved them 3+ hours a week in productivity.

SKILLS, INTERESTS, & ACHIEVEMENTS

- **Skills:** HTML, CSS, JavaScript, Git, GitHub, Express, MongoDB, NodeJS, Webpack, React, RStudio, Excel (VBA & Pivot Charts), utilizing Python for digital social science (e.g. web scraping, data extraction via social media APIs, decoding JSON/CSV/XML data files, visualizing data, etc.), CAD/CAM in Siemens NX and Solidworks, 3-4 Axis Milling, CNC Post Processors, applied GD&T, supply chain management.
- **Achievements:** LEDA Scholar (2009, Aspects of Leadership Summer Institute), Gates Millennium Scholar (2010, Bill & Melinda Gates Foundation), Robert C. Byrd Honor Scholar (2010).