

# Cam M. Nguyen

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## EDUCATION

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### Princeton University

*Bachelor of the Arts, Sociology*

**May 2015**

*Princeton, NJ*

- Spent a 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)

### The ODIN Project

*Online Full Stack Curriculum*

**Mar 2021 - Current**

<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

*Online Specialization Course*

**Jan 2021 - Mar 2021**

*Coursera*

- Google certificate 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](https://coursera.org/verify/professional-cert/586ESVAT5TTR)

## EXPERIENCE

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### Projects

*Code available on GitHub:*

**Mar 2021 - Current**

- **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 for library management. 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.
- **Racial Reality** <https://www.racialreality.com/>
  - Applied Sociology to present a toolset for young adults to conceptualize ideas and concepts behind the BLM movement.

### Freelance Coding Work

*Code available for viewing with permission*

**Dec 2021 - Current**

- Built an app to web-scrape mangaupdates.com for determining the best translation candidates.
- Automated 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.

### Azel Enterprise - Vice President

*Global R&D Manufacturing Firm*

**August 2015 - February 2020**

- Managed firm from small start-up with 1.5m annual gross and 10 employees to 5m gross revenue, 45 employees, a low-cost region manufacturing branch in Vietnam, and quadrupled capacity. Regularly traveled to Vietnam to set-up contract manufacturing production facility. Clients: Tesla, Solar City, Kateeva, Google, Applied Materials, LAM, and Apple.

## SKILLS & ACHIEVEMENTS

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- **Skills:** JavaScript, Python, Git, React, RStudio, HTML, CSS, GitHub, Express, MongoDB, NodeJS, Webpack, Excel (VBA & Pivot Charts), digital social science (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), National Honor Society (2010)