

Cam M. Nguyen

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EDUCATION

Princeton University

May 2015

Bachelor of the Arts, Sociology

Princeton, NJ

- 3.3 GPA* (*During grade deflation policy)
- 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), Black Arts Company Dance (choreographer), AKWAABA, DREAM, CBAP

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

Automate the Boring Stuff with Python Programming

Nov 2020 – Jan 2021

Online Course

Udemy

- Began journey into programming by reading and doing every exercise in Al Sweigart's "Automate the Boring Stuff".
- Solid foundation on web-scraping, using APIs, debugging, scripting, and writing code to interact with other apps/programs.

WORK EXPERIENCE

Freelance Coding Work

Dec 2021 – Current

Self, code available for viewing with permission at GitHub.

San Jose, CA

- 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.

Azel Enterprise

Aug. 2015 – Feb. 2020

Vice President

Fremont, CA

- Managed R&D manufacturing 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 and ensure quality standards met ISO9001:2015 and AS9100 standards, enabling contract work for the aerospace industry.
- Clients: Tesla, Solar City, Kateeva, Google, Applied Materials, LAM, Ultratech, Xometry, Mattson, Coherent

SKILLS, INTERESTS, & ACHIEVEMENTS

- **Skills:** 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.), auditing, risk analysis, 5S, CAD/CAM in Siemens NX and Solidworks, 3-4 Axis Milling, CNC Post Processors, applied GD&T, supply chain management, SPC
- **Achievements:** LEDA Scholar (2009, Aspects of Leadership Summer Institute), Gates Millennium Scholar (2010, Bill & Melinda Gates Foundation), Robert C. Byrd Honor Scholar (2010).
- Creator of www.racialreality.com, a toolset for young adults to conceptualize ideas and concepts behind the BLM movement.