

Education

B.A. Computer Science and Environmental Studies (Web Design Minor), *New York University*.

Sept 2013 - May 2016

Honors: summa cum laude, Phi Beta Kappa, and Founders' Day Award

GPA: 4.00

B.S. Applied Mathematics (transferred before completion), *UC Santa Barbara*.

Sept 2011 - Sept 2013

GPA: 3.95

Relevant Coursework

Applied Internet Technology, iOS Programming, Parallel Computing, Computer System Organizations, Operating Systems, Data Structures, and Fundamental Algorithms

Technical Skills

Java (proficient), Javascript/Node.js/MongoDB (proficient), Objective-C (proficient), OpenMP (proficient), Open MPI (proficient), C (basic), AWS Architect (basic)

Experience

PwC, Cyber Security Advisory Associate, NY.

Aug 2016 - Present

- Wrote Excel VBA script to cross-check hundreds of controls across four frequently edited Excel sheets that are managed by multiple teams; this reduced the intended cross-checking time by days.
- Worked with a team of three people to develop comprehensive Access Management and Insider Threat Monitoring roadmaps for a large foreign national bank, which secured PwC a two-year long multimillion-dollar contract.

NYU, Computer Science Course Grader, NY.

May 2014 - May 2016

- Graded over 50 students' weekly assignments and labs for Computer Systems Organization (C/x86), Introduction to Web Design (HTML/CSS) and Introduction to Programming (Python).
- Developed unit tests and used Valgrind to find errors and bottlenecks in students' programs.

PwC, Cyber Security Advisory Intern, NY.

Jun - Aug 2015

- Deconstructed a large Java EE application and created a detailed flowchart to help senior management better understand how to reroute a Guidewire-based website to Azure using a standalone JSP application.
- Performed a cybersecurity framework gap-analysis by evaluating the client's cybersecurity posture in relation to the NIST Cybersecurity Framework, ISO 27001 and ISO 27002.

Geocycle, Market Analyst, Thailand.

Jun - Aug 2014

- Spearheaded development of iOS application designed to streamline a major portion of Geocycle's business.

Projects and Activities

iOS Application Developer, "Snack Scan".

Feb - May 2016

- Led a 3-person team in developing an iOS application in Objective-C that allowed users to scan UPC code of grocery items to view the product's information in a pseudo-AR format.
- Snack Scan was featured in NYU CS Showcase for excellent execution.

Web Application Developer, "Adi's Dinner".

Oct - Dec 2015

- Developed a web app that lets friends suggest and vote what Adi should eat for dinner.
- Technology stack includes Javascript, Node.js/Express, and MongoDB.

Teaching Assistant, TA for Tech Focus III: "Caring for Software Based-Art" Symposium.

Sept 2015

- Collaborated with NYU professors to teach curators, conservationists, and artists about conserving digital art through Processing open source project, Git, and disk imaging at the Guggenheim Museum.

Leap Sensor Motion Game Developer, "Jelly Roll".

Sept - Dec 2014

- Successfully completed a Leap Motion Sensor based game using Processing with a group of four people.
- Jelly Roll was featured in NYU CS Showcase for excellent execution.

Activities at UCSB.

Sept 2011 - Sep 2013

- Writing 50 Award, independent research in Math with Dr. Casteels, Planning Coordinator for NSCS, and Head Organizer for both International Student and Thai Student Association.