

EDUCATION

- **Carnegie Mellon University, GPA: 3.7** Pittsburgh, PA
BS in Information Systems | Minor in Software Engineering | Dean's List High Honors May 2021

WORK EXPERIENCE

- **Software Engineering Intern** Remote
Novetta | NMA Team May - Aug 2020
 - Worked on crucial filter and data export full-stack tickets for the team's main analytics product.
 - Learned a proprietary Flux-based framework, and took lead on an epic where I built a microservice to connect RabbitMQ, a GraphQL instance, and the product's local JS layer.
- **Student Consultant** Republic of Palau
Palau Foreign Investment Board | TCinGC Program Jun - Aug 2019
 - Proposed a paperless transition plan to the Executive Director, and worked closely with staff on adopting a compliant cloud-based document management solution.
 - Built a JavaScript application on top of the organization's document platform. Deployed the web app to AWS, and enabled uploads for the two highest-volume paper submissions to the organization.
- **Data Unit Lead, Senior Intern** Woodside, NY
New York State Assemblymember Brian Barnwell May - Aug 2018
 - Tracked campaign-wide KPI's: reported canvassing team success to the Chief of Staff, and used an Excel model to realize a 3% average increase in success rate for our most active districts.
 - Coordinated a team of 5 interns to create demography reports using constituent data.

PROJECTS

NewERA, Major Capstone: Developed a web app to help our client document their street outreach, and distribute resources to constituents. Deployed it to production and performed a hand off to a local IT org, all as part of a pro bono consulting engagement. **{Django, DigitalOcean, Scrum}** Spring 2020

TripBook, Project: Built a concept social-media iOS app where users log their movements, see instant updates on their trip maps, and share images of their experiences. **{SwiftUI, MapKit, Firebase}** Fall 2019

Palauan Warrior, Freelance Work: Built a single-view site showcasing Palauan War Clubs. Summer 2019

BakingFactory, Project: Built a full-stack e-market using the Rails framework. Implemented authentication, authorization, and an API for the web app. **{Postgres, SQLite, Rails, Heroku}** Spring 2019

PL/pgSQL DB, Project: Modeled a Venmo-like transaction database. Scripted payment, deposit, and user functions using SQL & Python. **{Postgres, Python & SQL Scripting}** Dec 2018

TEACHING ASSISTANT POSITIONS

iOS Engineering: Head TA and team mentor for a senior capstone course. Fall 2020

Application Development: Head TA for a full-stack web dev course. Spring 2020/21

Mobile Web Design: Head TA teaching advanced CSS, JS, & mobile design concepts. Spring 2020

Database Development: Taught Postgres, MongoDB, and other noSQL tools for a core DB course. Evaluated project team proposals for API designs throughout the semester. Fall 2019

PROGRAMMING SKILLS

Languages: JS(ES6), HTML/CSS, SQL | Python, Java, Ruby, Swift | Solidity

Technologies: Django, Rails, SwiftUI, RactiveJS | GraphQL, Postgres, MongoDB, Redis, Firebase

Practical Skills: Git, Docker, AWS (EC2, S3), Heroku, Vagrant, TravisCI, Cucumber, TDD, UML

Other: Database & API Design, Jira, Scripting, WCAG/ADA, Russian (fluent)