

GRANT NILSON

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EDUCATION

THE GEORGE WASHINGTON UNIVERSITY

Bachelors, Computer Science

Minor: International Affairs, Political Science

Washington, DC

January 2022

Relevant Coursework: Calculus I and II, Software Development, Intro to Java Programming, Discrete Mathematics I and II, Software Engineering, Mathematical Statistics, Operating Systems, Database Systems and Team Projects, Linear Algebra, Computer Architecture, Software Design for Handheld Device, Systems Programming, Computer Networking, Cryptography, Computer Algorithms

RELEVANT EXPERIENCE

CELERA INC SOFTWARE

San José, CA

Full Stack Software Engineering Intern

May 2022-October 2022

- Built front-end dashboards, pages, and modals to display data in latest React JS 17 framework.
- Designed end-to-end backend APIs and developed the company data models in Python Django REST structure. My software was shown directly to investors in demos and used by the company to service customer needs.
- Worked in a scrum cycle startup environment and delivered software on-time for customers

CENTRIC SOFTWARE

Palo Alto, CA

Full Stack Software Engineering Intern

May 2020- August 2020

- Planned and implemented software that directly improved how customers use their data and plan their own products
- Worked in a full stack environment combining JavaScript, HTML, XML, and the company database
- Used UML diagrams to plan and develop data models for development

ANTIMATTER RESEARCH

Palo Alto, CA

Software Engineering Intern

May 2019- August 2019

- Responsible for building and testing software in a full stack environment, working hands on in Arduino and Vue.js to help deliver products to customers
- Used apple script programming in conjunction with Zoom video application to support video conferencing around office.
- Responsible for Market Research and planning for products

THE GW STORE - GW NON-PROFIT FOOD BANK

Washington, DC

Vice President

December 2017 – December 2020

- Spearheaded the development of a new website for The Store which focused on taking real time inventory for all available resources for students, leading to increased efficiency and serving over 1,000 GW student each semester.
- Created an information management system to accurately coordinate 30+ weekly volunteer groups to assist The Store in daily processes. This resulted in increased understanding of volunteer needs and community engagement.
- Oversee all pick up and deliveries to the GW store from donor around the DC community and manage inventory from over 100 separate per semester.
- Conduct all weekly volunteer trainings to ensure that customer needs are met properly, and all volunteers understand their role in interacting with clients. This has resulted in increase customer satisfaction storewide.

SKILLS/ACTIVITIES

Technical: Java Programming, C, HTML, JS, Kotlin, Microsoft Suite (Word, Powerpoint, Basic Excel)

Languages: English (Native/Bilingual), Spanish (Native/Bilingual)

Volunteer, US Dream Academy, DC, 2016-2017

Team Member, GWU Parliamentary Debate Team, 2016-2017

Civic House Learning Community, GWU, DC, 2016-2018

Interests: Volunteering related to youth empowerment, Boy Scouts of America, Immigration Policy, Programming Projects (<https://github.com/gnilson314>)