William Gunter

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EDUCATION

University of Delaware
Newark, DE
Computer Science Major, Concentration in Systems & Networks, Theater Production Minor, GPA: 3.92　　May 2024 (expected)

- Honors College, Cybersecurity Scholars
- Dean's List: Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023
- Undergraduate Teaching Assistant: CISC437, Introduction to Database Systems
- Computational Research and Programming Lab: OpenACC Validation & Verification, High Performance Computing

TECHNICAL SKILLS

- **Web Development:** Javascript (ES6), NodeJS, NoSQL (MongoDB), Angular, React, Typescript
- **Backend Development:** Java, Python, C, C++, Oracle SQL
- **DevOps:** Terraform, CI/CD
- **Development Tools:** Jira, Confluence
- **Relevant Classwork**: Database Systems, Data Structures, Machine Organization & Assembly Language, Algorithms, Advanced Web Technologies, Operating Systems, Parallel Computing, Computer Networks

EXPERIENCE

NASA Jet Propulsion Lab　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Pasadena, CA
Software Engineering Intern, Common Workflow Service　　　　　　　　　　　　　　June 2023 – Present

- Collaborate with a team of experienced software engineers through the Scrum framework, Jira, and Confluence
- Analyze usage of the CWS web interface to identify areas of improvement
- Update and improve an existing codebase built on Java, Spring, HTML, and JavaScript
- Develop new features in the user interface to support current and upcoming interplanetary missions including the Mars 2020 Rover (Perseverance) and Europa Clipper
- Communicate directly with stakeholders to provide status reports and immediate support for mission critical systems

NAX Group　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Manhattan Beach, CA
Summer Associate, NAX Technology Group　　　　　　June 2022 – August 2022, January 2023 – May 2023

- Created a React Typescript application with custom API integration to demonstrate blockchain functionality to 3 international clients to secure an investment
- Led the transition to a security-focused company culture with the implementation of 100% usage of two factor authentication among 166 employees and automated security awareness trainings
- Developed a plan with executives to update and expand the current time management software to increase productivity and management of employees
- *Technologies*: React, Typescript, HCL (Terraform), Flutter, Google Workspace Admin

University of Delaware, Computer and Information Sciences Department　　　　　　　Newark, DE
Undergraduate Teaching Assistant, Introduction to Database Systems (CISC437)　　　　August 2022 – December 2022

- Teaching and reinforcing topics regarding the implementation, installation, and use of Oracle SQL 21.3c
- Hosting office hours to provide one-on-one support for students
- Creating an inclusive environment amongst a group of 50 diverse upperclassmen students
- Developing supporting materials to teach REST APIs and integration of database systems in real world software engineering situations

ACTIVITIES

Cybersecurity Scholars　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Newark, DE
Scholar　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　August 2020 - Present

- Interpret pressing cybersecurity issues to develop cultural and technical solutions for industry and government sectors
- Collaborate with other Cybersecurity Scholars to study past cybersecurity incidents and produce monthly threat intelligence reports