

Zachary Covenor

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Education

George Washington University School of Engineering and Applied Sciences | Washington, DC

Graduation: May 2021

Degree: Bachelor of Science in Computer Science

GPA: 3.62

Work Experience

Raytheon (Summer 2019 - Present) | Marlboro, MA

Software Engineer

- Worked on Raytheon's STARS program (Backend C)
- Worked on Raytheon's MARS program (Frontend HTML, CSS, JavaScript)
- Part of an Agile team working environment

GWU Learning Assistant (Fall 2020 - Summer 2021) | Washington, DC

Operating Systems

- Teaching aid for Operating Systems class
- Backend C, low level concepts such as shared memory and mutexes
- Responsible for deepening students understanding and answering questions

Introduction to Software Development

- Teaching aid for Introduction to Software Development class
- Java, high level and introductory concepts such as data structures
- Responsible for leading labs and guiding students through homework assignments

Completed Coding Projects

Curriculum Utility (JavaScript, React, MySQL Database, Golang)

- Senior Design Thesis Project
- Organize, plan and coordinating tool for GWU students' 8 semesters of academic learning
- Arnold C. Meltzer Senior Design Award

Twitter Filter Android App (Kotlin, Firebase DB)

- Class project
- Backend database to save users and preferences
- Gives the users the ability to search for news outlets based on location

OS Containers (C)

- Class project
- XV6 Operating System
- Added container functionality
 - Unique and separate containers
 - Provided security and restricted cross over from different containers

Comfortable and Capable in

- Java, C, Golang, Python
- Typescript, HTML, JavaScript, React
- MySQL, NoSQL database
- GitHub, Jira
- Word, Excel, PPT and Google equivalent tools