

Justin Thoreson

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Education

M.S., Computer Science | Anticipated Jun. 2023
Seattle University – Seattle, WA
GPA: 4.0

B.S., Computer Science, Minor in Data Science | Jun. 2022
Seattle University – Seattle, WA
GPA: 3.953, Summa Cum Laude

Projects

React Portfolio | Aug. 2022 – Present

- Creating and designing a personal portfolio website
- React, TypeScript, NodeJS, GitHub, VS Code

Votegrity SaaS Solution | Sep. 2021 – Jun. 2022

Sponsor: Tom Thomas – Votegrity CEO

Senior Capstone Project – Seattle University

- Created net new election administration tool
- Project Manager, Scrum Master, DevOps, collaborating with a team to design and integrate new admin tool
- Codified election administration UI by establishing foundation for critical functionality
- React, JavaScript, NodeJS, VS Code, Agile, Scrum

Image Processor API | Apr. 2022 – May 2022

- Utilizes a RESTful API to process image transformations
- Created w/ emphasis on architectural design patterns
- C#, Python, TypeScript, React, Flask, REST, VS Code

Predicting Stock Market w/ Sentiment Analysis | Feb. 2022

- 2nd place - HackSU February 2022
- Analyzed finance articles via web scraping and NLP
- Compared sentiment analysis score w/ stock price changes
- Python, VS Code

K-means via Spark | Feb. 2022

- Implements K-means clustering in Spark via RDDs
- Apache Spark, RDDs, Python, VS Code

Portal Illusion | Sep. 2021 – Dec. 2021

- Created a computer graphics simulation of an illusion of a cube passing through a portal
- C++, GLSL, OpenGL, Visual Studio

ASCII Rocket Launch | Jun. 2019

- A simple program animating an ASCII rocket ship launch
- My first personal project, and one of my first programs
- C++, Visual Studio

Experience

Software Engineer | Jul. 2022 – Present

Votegrity – Remote

- Part time software development
- Implementing functionality for election administration tool
- Instantiated new virtual machine by upgrading existing software from scratch
- React, JavaScript, Python, Azure, VS Code

Software Engineer Intern | Jun. 2022 – Present

T-Mobile – Factoria, Bellevue, WA

- Digital Architecture & Cybersecurity
- Codified architecture for scalable and automated API authorization assessment
- Filed patent application for API authorization service
- TypeScript, NodeJS, SQL, Postman, VS Code, GitLab

Tutor, TA, Grader – CSSE | Jun. 2021 – Jun. 2022

Seattle University – Seattle, WA

- Algorithms and Java programming courses
- Tutored and graded 100+ students, formulated rubrics alongside several other TAs
- Provided constructive feedback to 100+ students via tutoring and grading
- Java, IntelliJ, Vim, Emacs, GitHub

Sales Associate | Jul. 2020 – Jun. 2022

The Home Depot – Snohomish, WA

- Front-line service and store maintainability
- Interacted w/ customers and vendors, fulfilled online orders, restocked inventory
- Provided recognizable customer service and consistent help to several coworkers
- Plumbing department, electric ladder, pipe threader

Skills & Qualifications

- C++, Python, TypeScript, JavaScript, C#, Java, SQL, React
- JetBrains IDEs, Visual Studio, Git
- Adaptability, communication, collaboration, critical thinking, problem-solving

Honors, Awards, Extra Curriculars

- Outstanding Computer Science Undergraduate Student Award 2022 – Seattle University
- Graduate Representative – Seattle University ACM
- President's List 8x & Dean's List 9x – Seattle University
- Skills that Shine Mentee & Baccalaureate Scholar – WSOS
- Running Start – Everett Community College