

Jake Thurman

Senior Software Engineer - Frederick, MD

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github.com/jakethurman | jakethurman.github.io

PROFICIENCIES

Languages

C#, F#, SQL, JavaScript, TypeScript, Java, Bash, HTML/CSS, SASS, Python, C++, C, Bash

Tools

React, Redux, webpack, .NET Web API + MVC, Swagger/OpenAPI & REST APIs, Node.js, git, webpack, WebForms, Firebase, Balsamiq, Adobe XD

Skills

User Experience (UX), Machine Learning & AI, Open Source Governance, Software Planning & Estimation, Accessibility, Unit Testing, Integration Testing, Documentation.

EDUCATION

Grove City College '19

Major in Computer Science (BS)

Minor in Mathematics

Cum Laude | GPA 3.48 | MQPA 3.72

Notable Coursework

Machine Learning
Artificial Intelligence
iOS Programming
Web Programming
Parallel Programming
Data Structures & Algorithms
Computer Architecture
Database Management
Functional Programming
Networking
Computer Security

WORK EXPERIENCE

HighGear

Senior Software Engineer

Feb 2023-Present

- Help lead team to decisions of business value, user value, technical value, and where to draw the line between them.
- Build and design complex user interfaces.
- Optimize complex SQL database queries.

Software Engineer

May 2019 - 2023

- Participated in technical support rotation.
- Designed, planned, and implemented complex features - both rich user interfaces, and compiler-centric backends.
- Tackled difficult bugs and performance regressions.
- Designed interface using Balsamiq for mockups, including multiple rounds of feedback and iteration with stakeholders.

Software Intern

Jun 2014 - 2019

- Learned to work in a large codebase.
- Learned to use git for effective source control and team collaboration.
- Developed new features, and added test coverage.

HOBBIES/ACTIVITIES

Running

I'm a hobbyist runner. My favorite race I've run is the Frederick Running Festival half marathon.

Music Performance

I play guitar, and in my time at Grove City I performed with others at nearly a dozen musical events, along with service at Fellowship Community Church in town. Playing guitar alongside others at varying capacities has helped me to grow in leadership, dealing with disagreement, and handling less-than-ideal deadlines.