

Jake Thurman

Senior Software Engineer

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github.com/jakethurman | jakethurman.github.io

PROFICIENCIES

Languages

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

Tools

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

Skills

User Experience (UX), 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
Algorithms
Computer Architecture
Database Management
Functional Programming
Networking
Computer Security

EXPERIENCE

HighGear

Senior Software Engineer

Feb 2023

- for a high-quality result, while also finding ways to cut unnecessary corners to deliver quickly.
- I help the team and individuals make decisions on business value, technical value, and where to draw the line between them.

Software Development Engineer

May 2019

- Participated in technical support rotation, and learned how to handle many types of issues, and when to escalate critical issues.
- I was responsible for designing, planning, and implementing complex features (including both rich user interfaces, and compiler-centric backends), and for tackling difficult bugs and performance regressions.
- Interface design using Balsamiq for mockups, including multiple rounds of feedback and iteration.

Software Intern

June 2014

PROJECTS

Buddies (GROVE CITY, SENIOR PROJECT) [2019]

For my senior capstone, professors mentored us as we designed and built a full iOS application. We conducted extensive User Testing of prototypes created in Adobe XD. We explored legal and ethical considerations, data usage, software architecture, and user experience/usability. Our mentoring professor acted as a stakeholder and helped us plan, prioritize, and reduce scope.

Buddies, the app we built, is an app to connect like-minded people in new stages of life through casual activities. It includes real-time updates, moderation tools, and chat.

MyGCC+ [2018]

Script to fix low hanging fruit with the Grove City College student portal. Used by dozens of students, and a few members of the faculty.

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.