

Ben Abbett

(603)-970-1763 | bwabbett@gmail.com | [linkedin.com/in/abbett](https://www.linkedin.com/in/abbett) | github.com/bwabbett

EDUCATION

Gordon College

Bachelor of Science, Mathematics and Computer Science

Wenham, MA

Aug 2017 – May 2021

EXPERIENCE

Brick River | *Software Developer, Exeter, NH*

Jul 2021 – Present

- Developed a set of Azure Functions to retrieve, validate, and merge 30,000 local nonprofits' data to a single database for review by the nonprofit's national administration. Built dashboards in Retool and Internal.io to view and manage the resulting data
-
- Lead developer on project to import, validate, and merge large amounts of
- A key contributor to Citrix's industry-leading Desktop as a Service (DaaS) product
- Worked with other engineers to migrate Citrix's signature on-prem VDI to Azure cloud infrastructure

Planet Fitness | *Information Systems Intern, Hampton, NH*

Jan 2020 – May 2021

- Responded to actionable Google Play and App Store reviews with mitigation steps. Monitored and escalated trends and new issues to development team.
- Completed production support tickets for a wide array of app issues.
- Analyzed review data and sentiment statistics to direct future development focus.

Gordon College | *Software Engineer Intern, Wenham, MA*

Sep 2018 – Sep 2020

- Met weekly (following Agile) with a team of school faculty and staff to assess site progress and create goals for site development.
- Found and fixed bugs preventing use of key site features, added functionality enhancing user experience, and made changes improving accessibility of site for keyboard and visually impaired users.
- Studied documentation to learn new languages and frameworks (React.js, JavaScript, C#).

Voryx Technologies | *Game Developer, Rochester, NH*

Jun 2017 – Sep 2017

- Collaborated with team of four developers to build two mobile games using Unity and C#.
- Implemented Scrum board and planned milestones to increase team productivity while simultaneously contributing bugfixes and assigned features to GitHub. Ported iOS version to Android.
- Finished game 2 weeks ahead of deadline using Agile, despite code overhauls and unexpected delays.

PROJECTS

Flight | *Java*

Present

- Designing and producing a simple game in Java, complying with Object Oriented Programming best practices
- High risk, high-reward gameplay emphasizes statistics and is based on DraftKing's "Rocket" and Roobet's "Crash"

About Me | *JavaScript, React, Bootstrap, Next.js, CI/CD*

Summer 2022

- Programmed and deployed a static personal web portfolio on GitHub Pages
- Website CI/CD is handled by GitHub Actions with a customized Next.js workflow script
- **Link:** michaelxiao7.github.io/aboutme

Power Method Calculator | *C, CUDA*

Spring 2020

- Created a program which uses a CUDA-parallelized algorithm to calculate the dominant eigenvalue of a matrix
- Implemented shared memory caches and various reduction algorithms in order to optimize for speed
- The program consistently computes the dominant eigenvalue of a 10,000 x 10,000 matrix in under 2 seconds

Alumni 360 | *JavaScript, React Native, C#, .NET, SQL*

Fall 2021 – Spring 2022

- Lead and expedited the creation of a web app which provides Gordon College alum a way to update personal info
- After placing an update request, the API caches the alumni's information in an SQL table and forwards a ticket to Gordon's advancement office, where the new information is reviewed and merged into a Salesforce database
- Produced software in an agile environment and presented various MVPs, design docs, project backlogs and demos

LEADERSHIP & EXTRACURRICULARS

Computer Science Club | *Leader*

Dec 2019 – Feb 2021

- Organized various events for Gordon's CS club, including workshops and help sessions for underclassmen students

Mathematics Club | *Leader*

Dec 2019 – Feb 2021

- Coordinated events which encouraged students of all backgrounds to take a deeper look into the world of Math

TECHNICAL SKILLS

Languages: Python, C#, C/C++, Java, JavaScript, SQL, HTML, CSS

General: Cloud Computing, Virtualization, Distributed Systems, Databases, Machine Learning, DevOps

Cloud: Microsoft Azure, Amazon Web Services (AWS)

Tools: Git, React, Flask, Bootstrap, Next.js, Hyperscript, ASP .NET, CUDA