Brady Lenz

I am a highly-motivated **Software Engineer** with particular interests in distributed and parallel systems, machine learning, and optimization

(470) 285-2289
bradylenz98@gmail.com
Website | GitHub | LinkedIn

EDUCATION

Georgia Tech, Online — *M.S. in Computer Science*

SEP 2020 - PRESENT

Current coursework specializing in advanced operating systems and computer networks

UW Madison, Madison, WI — *B.S. in Computer Science & Math*

SEP 2016 - DEC 2019

Math major focused on computational methods. This includes topics such as combinatorics and numerical methods

WORK EXPERIENCE

QGenda, Atlanta, GA — *Software Engineer*

FEB 2020 - PRESENT

TECH STACK | C#, .NET, SQL Server, LINQ, EF, Typescript, React, Redux

- Work in an agile(Scrum) team, participating in all aspects of the development process
- Collaborate across multiple domains to deliver mission critical features to high priority customers
- Develop and enhance features, including changes to the core scheduling algorithm
- Optimize complex system workflows for large customers with high volumes of data

Sudo.X, Remote — *Co-Founder*

APR 2017 - PRESENT

TECH STACK | Typescript, Node.js, Python, AWS, React, GraphQL, Auth0

- Manage and facilitate project design and implementation
- Explore software solutions in domains ranging from artificial intelligence to server hosting solutions
- Build robust and scalable web platforms using modern technologies

TDS Telecom, Madison, WI — *Software Engineering Intern*

APR 2018 - JAN 2020

TECH STACK | Python, Flask, Django, Go, Couchbase, ELK, Linux

- Engineered software to detect and aid in internet and cable outages
- Took multiple applications through the entire development lifecycle

QGenda, Atlanta, GA — *Software Engineering Intern*

JUN 2019 - AUG 2019

TECH STACK | C#, .NET, SQL Server, LINQ, EF, Typescript, React, Redux

- Utilize the MVC/CQRS architecture pattern
- Worked on a scrum team to enhance various areas of QGenda

PROJECTS

Personal Site | Website, GitHub

Built using React and Typescript

Bootstrapped using the Material UI React framework

Uses GCP build triggers to build and deploy to Google Firebase

SCHOOL PROJECTS

IPC Cache Proxy Server

Multithreaded cache server built using C and shared memory IPC

Serves web requests from memory to reduce latency for repeated workloads

Generative Adversarial Network

Created and trained GAN from scratch using Python and NumPy

Compiler

Created a full compiler for a simple programming language

Compiles to MIPS (RISC)

ACTIVITIES

Madhacks Carbon | Website, GitHub

Hackathon focused on sustainable living

Built a full-cloud app in less than 24 hours

Utilized GCP, Cloud AutoML, MongoDB, Node.js, Typescript, React

SOFT SKILLS

Leadership, Strong Communication, Time Management, Self-Driven

TECH SKILLS

C#, Python, Typescript, React, Redux, Node.js, C, C++, Go, .NET, SQL Server, LINQ, Entity Framework, MVC, AutoFac, Git, GitHub, Mercurial, BitBucket, Linux, Inversify, Flask, Django, AWS, GraphQL, Auth0, Postgres, GCP, MongoDB, CSS, HTML