Brian Rogers | Curriculum Vitae

Seattle WA

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Work Experience

2020 - Present | **Software Engineer at Amazon**
- Created designs and led design reviews to solve ambiguous problems in a distributed system in AWS.
- Mentored junior engineers, providing guidance and support for their professional growth.
- Created comprehensive documentation for new features and addressed gaps in documentation for existing features, improving onboarding and knowledge sharing.
- Wrote well-documented critical code paths for new features. Consistently ranked highest in the team for number of commits, lowest revisions per code review, and led the team in commits reviewed.
- Collaborated effectively with cross-functional teams to ensure seamless system integration and maximize overall performance.

2018 - 2020 | **Software engineer at root9B**
- Wrote low-level data collection software for the HUNT platform Orion using C/C++
- Wrote a middleware agent deployment system using C#
- Created and deployed a fully featured AWS service to support other products using Clojure and Datomic Cloud
- Created a web-based UI for an ICS security tool using Typescript and Angular 8
- Used industry standard tools like the Atlassian suite, Jenkins, SonarQube

2018 - 2020 | **Open source contributions to RuneLite**
- Learned and understood a foreign Java code base so as to contribute to it
- Created several PR's merged into the production code
- Maintained a personal fork and Discord server to document/distribute personal plugins

2015 - 2019 | **Self employed iOS app developer**
- Self-taught Swift and utilized *SpriteKit*, *CloudKit*, *StoreKit*, *CoreMotion*, and *UIKit*
- Released two apps, *Fratty Bird* and *Posture Reminder*, which have accumulated over 25,000 downloads

Computer Skills

Languages
- JavaScript + React, Java, MySQL, Python, C/C++, Clojure, C#, Bash, Swift, LaTeX

Software tools
- Amazon Web Services (Step Function, Lambda, RDS, DDB, SNS, SQS, CloudWatch), code deployment pipelines, debuggers, git, macOS

Education

2018 | Allegheny College - Magna Cum Laude - B.S. in computer science, minor in economics

Personal Experience

2019 - 2020 | **JV and varsity lacrosse coach at Central Catholic High School**
- Developed and implemented practice plans and the offensive strategy for the team
- Tailored my coaching techniques to best fit each player's skill level and mindset

2015 - 2018 | **President of Allegheny College Men's Lacrosse Club**
- Communicated with other club lacrosse presidents, referees, and school faculty to schedule and coordinate games
- Worked with the club's executive board to ensure the success of the club
- Created and implement practice plans and game plans in place of a coach