

# Brian Rogers | Curriculum Vitae

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## Education

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2018 | **B.S. in Computer Science**, Minor in Economics, Allegheny College - Cumulative GPA: 3.80/4.00

## Publications

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2017 - 2018 | **Rsyncmark** - a benchmark for *rsync*

- Researched the effects that various operating system kernels have on the performance of unix-based tool *rsync*
- Developed a benchmark for *rsync*
- Utilized *R* and *RStudio* to visualize and analyze data
- Wrote a 40 page thesis to report my findings

## Work Experience

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2018 - present | **Software engineer at root9B**

- Work on middleware and endpoint data collection for *root9B*'s flagship product Orion
- Work closely with other team members, participate in code reviews, maintain production level git workflow
- Utilize industry standard software development tools (*Atlassian* products like *Jira* and *Confluence* etc., *Jenkins*, *SonarQube*)

2015 - present | **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 10,000 downloads

## Computer Skills

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### | Languages

- C/C++, C#, Java, Bash, Swift,  $\LaTeX$

### | Software tools

- Git, Visual Studio, Virtual Box, CMake, Jenkins, SonarQube, Jira, Xcode, Windows, Linux, macOS

## Personal Experience

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2019 - present | **JV and varsity lacrosse coach at Central Catholic High School**

- Work with two other coaches to develop and implement practice plans
- Create the offensive strategy for the team
- Tailor my coaching techniques to best fit each player's skill level and mindset

2015 - 2018 | **President of Allegheny College Men's Lacrosse Club**

- Communicate with other club lacrosse presidents, referees, and school faculty to schedule and coordinate games
- Work with the club's executive board to ensure the success of the club
- Create and implement practice plans and game plans in place of a coach

2016 - 2018 | **Radio Host: Chill JamZ**

- Cohost weekly music and talkshow
- Draft weekly radio-show plans consisting talking points and music to bring humor and good tunes to my listeners