Brian Rogers | Curriculum Vitae

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Education

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

Publications

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

- Two-semester, 40 page research thesis
- Developed a benchmark for unix-based tool *rsync*
- Researched the effects that various operating system kernel's have on the performance of *rsync*
- Utilized *R* and *RStudio* to visualize and analyze data

Work Experience

2018 - present — **Software Engineer @ root9B** (*ranked by Cybersecurity Ventures as the #1 cybersecurity company in the world for 6 straight quarters*)

- Work directly on *root9B*'s flagship product *Orion*
- Deliver quality code and tests in an agile environment
- Maintain a production-level Git workflow
- Utilize industry standard software development tools (*Atlassian* products like *Jira* etc., *git*, agile development cycles)

2015 - present — **Self Employed iOS App Developer**

- Released two apps, *Fratty Bird* and *Posture Reminder*, which have accumulated over 9,000 downloads
- Self-taught Swift and utilized *SpriteKit*, *CloudKit*, *StoreKit*, *CoreMotion*, and *UIKit*

Computer Skills

Languages

- **C** (advanced, 40 hours/week for 11 weeks), **Java** (advanced, three years), **Swift** (advanced, three years), **Bash** (advanced, three years) **C++** (working proficiency, some usage over an 11 week project). **MIPS Assembly** (moderate exposure, 4 months)

Software

- Git, Xcode, Linux, macOS, Catch (unit testing framework for C)

Personal Experience

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