Brian Rogers | Curriculum Vitae

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⌨ BrianJMRogers.github.io

Education

2018	**B.S. in Computer Science**, Minor in Economics, Allegheny College - Cumulative GPA: 3.80/4.00
2014-2016	**Distinguished Alden Scholar**: Award for academic excellence (Dean's List)

Publications

2017 - 2018	**Rsyncmark** - a benchmark for *rsync* (currently in development)

- Two-semester, 50 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

2017	**Software Engineer Intern: root9B** (*ranked by Cybersecurity Ventures as the #1 cybersecurity company in the world for 6 straight quarters*)

- Wrote C/C++ code for 40 hours/week for 11 weeks to produce a single project which would eventually be integrated into root9B's product
- Developed and implemented unit tests
- Maintained a production-level Git workflow
- Attended and contributed to daily Scrum meetings and bi-weekly Sprint Reviews

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

- Released two apps, *Fratty Bird* and *Posture Reminder*, which have accumulated over 4,000 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)

Software

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

Personal Experience

2015 - present	**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
- Work as liaison between club and all other parties (faculty, student government, etc.)

2016 - present	**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