

Brian Rogers | Curriculum Vitae

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Education

- 2018 | **B.S. in Computer Science**, Minor in Economics, Allegheny College - Cumulative GPA: 3.75
- 2014-2016 | **Distinguished Alden Scholar**: Must achieve a GPA for the academic year of at least 3.80/4.00

Published Works and Projects

- 2016 | **Fratty Bird - The Game**: Available on the App Store - *written in Swift*
- Single-handedly developed an original concept and brought it to the App Store
 - Self taught Xcode and Swift with no prior knowledge
 - Utilized *SpriteKit*, *CloudKit*, *StoreKit*, *CoreMotion*, and *UIKit*
- 2016 | **Distributed Heuristic**: Available on GitHub - *written in Java*
- Worked in a four person team to apply a hill-climbing algorithm to the knapsack problem
 - Responsible for writing files to allow for the distribution of the heuristic
 - Made use of sockets to transfer data on the LAN
- 2015 | **3D Snowy Neighborhood**: Available on GitHub - *written in Processing*
- Created a walkable 3D snow-covered neighborhood
 - Worked with moving objects in 3D environments
 - Worked with various lighting techniques

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 | **Study Abroad: Amsterdam, the Netherlands**
- Applied to and participated in semester-long study abroad program independent of Allegheny College
 - Traveled both independently and with friends to nine different countries
 - Exposed myself to many new cultures, world views, and schools of thought
- 2016 | **Radio Host: Chill JamZ**
- Cohosted a weekly music and talkshow with two friends
 - Drafted weekly radio-show plans consisting of music and talking points
 - Responsible for actively searching for radio-worthy content
- 2015 | **New Member Educator, Delta Tau Delta Fraternity**
- Created comprehensive 8-week plan to assimilate new members into the fraternity
 - Taught Delta Tau Delta history and traditions to new members
 - Drafted and presented weekly reports concerning the week's events