Brian Rogers | Curriculum Vitae

PO BOX 2443 – Valley Center, CA 92082

(760)-207-6247 • ✉ BrianJMRogers@gmail.com

BrianJMRogers.github.io

Education

Allegheny College, Meadville PA: *2014-2018*

Bachelor of Science: Computer Science - Software Development
Minor: Economics
GPA: 3.8

Computer skills

Languages

Basic Knowledge: **LaTeX, C++**
Intermediate Knowledge: **Java, Processing**
Languages to be studied during the Spring 2016 semester: **Java, C++, Swift**

Software

Git, Vim, Atom, Ubuntu, OS X,

Computer Science Courses

Taken

- *Introduction to Computer Science I:* An introduction to the principles of computer science with an emphasis on algorithmic problem solving and the realization of algorithms using a Java.
- *Visual Computing:* An introduction to the fundamentals of computer graphics, visualization, and visual computing. Topics covered include concepts of light, color, two and three dimensional representations, data visualization, image processing, image rendering, and animation. Language: Processing

To be taken the Spring semester of 2016

- *Introduction to Computer Science II:* A continuation of Introduction to Computer Science I with an emphasis on data structures, data abstraction, algorithm design, the analytical and experimental evaluation of algorithm performance, and object oriented design and implementation techniques using Java.
- *Distributed Systems:* An examination of the principles and paradigms associated with the design, implementation, and analysis of distributed systems.
- *Visual Computing with C++ and Swift:* An independent student-designed program which mirrors the Visual Computing course using both C++ and Swift.

Personal Experience

President of Allegheny College Men's Lacrosse Club: *2015-Present*

- Communicate with other club presidents, referees, school faculty to schedule 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, Allegheny Student Government, etc.)

New Member Educator, Delta Tau Delta Fraternity: *Allegheny College, 2015-Present*

- Create comprehensive 8-week plan to assimilate new members into the fraternity
- Organize and execute team based activities for new members
- Teach Delta Tau Delta history and traditions to new members
- Draft and present weekly reports concerning the week's events

Lacrosse Player: *Allegheny College, Cathedral Catholic High School, 2010-Present*

- Promote individual skills and teamwork to succeed in games and practices
- Utilize time management skills to balance practices, games, travel, as well as academics and personal life