Andre D. **Bryan**

SOFTWARE ENGINEER

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"Everybody should learn to program a computer, because it teaches you how to think."

Education

Allegheny College *Meadville, PA*

B.S. IN COMPUTER SCIENCE *August. 2014 - May 2018*

- Main subjects: Programming, Documentation, Testing.
  Title of Senior Thesis: "Anomaly Detection of Simulated Malware Attacks using Gradient Boosted Decision Trees".
  Thesis activity leveraged system monitoring and utilized Gradient Boosted Decision Trees to detect and classify simulated malware attacks

Skills

Programming   Python, C/C++, Java, LaTeX
Operating Systems   Windows, Linux/Unix

Experience

Allegheny College Computer Science Department *Meadville, PA*

TEACHERS ASSISTANT *Sep. 2015 - PRESENT*

- Assisted students with laboratory assignments and prepared students for exams.
- Held weekly office hours where assistance would be given to students that needed help.
- Students would better understand what was neededed of them and how topics discussed in class contributed to the assignment.

Cryopak *Edison, NJ*

SOFTWARE ENGINEER & INFORMATION TECHNOLOGY *May - Aug. 2016*

- Configured and troubleshooted computers and printers.
- Developed a Project Tracking Database GUI with the use of JavaFX in order to track and assign lab projects.

iDTech Camp *Princeton, NJ*

JAVA & C++ INSTRUCTOR *June - Aug. 2015*

- Constructed a curriculum in order to teaach children ages 13 - 17 how to code in Java.
- Lectured as the new lead C++ instructor to teach students ages 13 - 17 the fundamentals of C++.

Extracurricular Activity

Nu Mu Chapter of Phi Beta Sigma Fraternity, Inc. *Allegheny College Meadville, PA*

CORE MEMBER & TREASURER *Nov. 2016 - PRESENT*

- Member of the reactivation of the chapter on campus.
- Managed the budget and expenses.
- Contributed in the creation of events tha focuses on financial literacy, professionalism, social action, and health.

Allegheny College Track & Field *Allegheny College Meadville, PA*

ATHLETE *Sept. 2014 - PRESENT*

- Committed 10 hours per week to training and competitive play while maintaining courseload
- Broke the school record for the Long Jump and 60m dash