Austin Kemper

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EDUCATION

The Johns Hopkins University   Baltimore, MD

- Double major in Computer Science and Applied Mathematics & Statistics
- Expected Graduation May 2018
- Deans List Award (Fall 2014, Spring 2015, Fall 2015, Spring 2016)
- GPA: 3.88

RESEARCH & WORK EXPERIENCE

Teaching Assistant, Introduction to Programming in Java: September 2016 – Present
- Taught a hands-on lab session once a week on the fundamentals of programming in Java.
- Graded 20 problem sets a week. Held office hours for two hours each week. Answered many questions about basic programming.

Research Assistant, Professor Steve Hanke, The Institute for Applied Economics: May 2016 – Present
- Developed a website for the Hanke-Henry Permanent Calendar: an alternative to the Gregorian calendar that would increase economic efficiency. Used HTML, CSS, JavaScript, and AWS.
- Generated over 1,500 charts for a report on the timeliness of data reported to the International Monetary Fund, using a Python data analysis stack.

Research Assistant, Johns Hopkins Medicine: September 2014 – September 2016
- Assisted Dr. Robert Weiss and nurses with two medical studies regarding coronary artery disease and HIV.
- Managed the digitization of medical data for 20 patients over a 28-week longitudinal study.

ACTIVITIES & HONORS

Android Developer
- Developed and published four Android applications. Gained experience in the Android environment, Google Analytics, Firebase analytics, and Admob.
- Developed simple artificial intelligence using the Minimax algorithm.
- Used the libGDX gaming framework for two of the applications for enhanced graphics and collision detection.

Club Racquetball, Founder, President, (September 2014-Present)
- Founded the club and recruited 20 members.
- Led meetings and internal competition including games, tournaments, and a club ladder.

Eagle Scout Award, Boy Scouts of America, (2012)
CPR and First Aid Certified, American Red Cross

SKILLS

Proficient in Java
Working knowledge in Unix, Linux, C, C++, Python, Android applications, MATLAB, libGDX, JUnit, Matplotlib, pandas, HTML, CSS, JavaScript, Git, AWS