

# Austin Kemper

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<https://austinkemper.github.io>

## EDUCATION

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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

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Teaching Assistant, Introduction to Programming in Java: September 2016 – Present

- Taught a lab section once a week, helping beginners learn Java.
- Graded homework, held office hours, and answered many questions about the Java language.

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 doctors and nurses with medical studies regarding coronary artery disease and cancer.
- Managed the collection and digitization of medical data for longitudinal study tracking.

## ACTIVITIES & HONORS

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Android Developer

- Developed and published four Android game applications for fun: PipeLayer, SpeedyBird, HappySnake, and Tic Tac Toe. Gained experience in the Android environment, Google Analytics, Firebase analytics, and Admob.
- Developed simple artificial intelligence for PipeLayer and Tic Tac Toe.
- Used the open source libGDX gaming framework for two of the games to help with game state management and collision detection.

Eagle Scout Award, Boy Scouts of America, (2012)

CPR and First Aid Certified, American Red Cross

## SKILLS

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Proficient in Java

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