

# Austin Kemper

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<https://austinkemper.github.io>

## EDUCATION

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The Johns Hopkins University

Baltimore, MD

B.S. in Computer Science and Applied Mathematics & Statistics, Expected May 2018

GPA: 3.93

## RESEARCH & WORK EXPERIENCE

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Software Development Intern, Amazon Web Services, Summer 2017

- Completed a 12-week project for the AWS Serverless team. Details held due to NDA.

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

- Taught a hands-on lab session to 40 students once a week.
- Graded 20 problem sets a week. Held office hours for two hours each week. Answered many questions about the fundamentals of object-oriented 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.

## ACTIVITIES & HONORS

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Android Developer, January 2016 – Present

- Developed and published four Android applications. Gained experience in the Android environment, mobile development, and Google Analytics.
- 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 with four friends and recruited 20 members.
- Led meetings and internal competition including games, tournaments, and a club ladder.

## AWARDS

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

Deans List Award, Johns Hopkins University, (6 awards, one each semester for three years)

CPR and First Aid Certified, American Red Cross

## SKILLS

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Languages: Java, JavaScript, C, Python, HTML/CSS

Tools and Environments: Amazon Web Services, Linux, Git, JUnit