

# Austin Heimark

austinheimark@gmail.com

<http://austinheimark.com>

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## **Bachelor of Science, Computer Science**

Pennsylvania State University  
University Park, PA

Class of 2016

GPA: 3.40

Major GPA: 4.0

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## **Caddie**

Aronimink Golf Club, Newtown Square, PA

Spring 2007 - Present

- Contribute to a world class golfing experience
  - Communicate with adults in a professional environment
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## **Computer Science 122 Final Project**

- Developed a over 1000 line Rummy 500 (card game) command line application written in C++
  - Wrote an AI which can parse through cards and make intelligent decisions regarding what cards to pick up and discard
  - Uses intelligent data structures and an object-oriented approach to effectively implement the game Rummy 500
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**Member**, Association for Computing Machinery (ACM)

Fall 2012 - Present

**Member**, Engineering Leadership Society

Fall 2012 - Present

**Vice President**, Pyramid, Penn State Panhellenic Dance Marathon (THON)

Spring 2013 - Present

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## **Sister's Art Portfolio Website**

- Website for my sister so that she can share her artwork with the world; backend written in Python using the Flask microframework, front end incorporates the Twitter Bootstrap
- Wrote a login authentication system so that my sister can securely access the SQLAlchemy database, easily adding and removing images to her online portfolio
- Features a full test suite using PyTest

## **Open Source Contributor at DuckDuckGo**

- Wrote six plugins in Perl, two of which have been integrated into the DuckDuckGo website
- One returns pokers statistics and the other returns prime factors
- Features unit tests and regular expression recognition

## **Interests**

- Passionately attended Windward Code Wars, Hack PSU and Code PSU hackathons in spring of 2013; attending PennApps, HackMIT and other hackathons in fall of 2013
- Solving Conway's Game of Life; working in Python
- <https://github.com/austinheimark>