

Andrew S. Resnikoff

1091 Morewood Avenue • Pittsburgh, PA 15213

6 Pimlico Drive • Commack, NY 11725

(631) 742-1697 cell

aresniko@andrew.cmu.edu

Education:

Carnegie Mellon University, Mellon College of Science, Pittsburgh, PA

- *Bachelor of Science in Mathematical Sciences, expected May, 2016 (GPA 3.24 in major)*
- *Minor: Computer Science (GPA 3.1 in minor)*

Coursework:

Mathematical Sciences:

<i>Introduction to Probability Theory</i>	<i>Introduction to Statistical Inference</i>	<i>Modern Regression</i>
<i>Matrix Theory (Honors)</i>	<i>Calculus in 3D</i>	<i>Differential Equations</i>
<i>Mathematical Finance</i>	<i>Operations Research I</i>	<i>Operations Research II</i>

Computer Science:

Fundamentals of Programming *Principles of Imperative Computation*
Great Theoretical Ideas in Computer Science

Computer Skills:

Languages: *Proficient in Python, c, c#, HTML, javascript, css, swift*
Familiar with SML

Programs: *Proficient in Xcode, Visual Studio, R, Minitab, Microsoft Word, Excel and PowerPoint.*

Project: *Created a game based upon "Guitar Hero" in which users can upload and record note tracks of their own MP3s.*

Work Experience:

Riverside Research, Chantilly, VA, Summer, 2014-present

Software Engineering Intern

Using the Model-View-Controller paradigm, built a web application allowing users to determine which satellites can collect data from a given location in a specified time interval. The application also permits users to purchase satellite images at the most cost-effective price. Created basic scenarios and modeled satellite data collection in AGI's Systems Tool Kit program.

Crane Lake Camp, West Stockbridge, MA, Summers, 2011-2013

Olim Fellow/Counselor

Selected to participate in Olim Fellowship Leadership Training Program. Developed leadership skills and mentored other staff members. Served as bunk counselor.

Leadership Experience:

AEPi - Alpha Kappa Chapter

President, Fall, 2014 - Present

Head of Executive Board, supervising all fraternity events and operations.

Vice President, Fall, 2013 - 2014

Executive Board member, supervising six committees including Booth, Buggy and Greek Sing.

CMU Jewish Student Association

Vice President, Social Programming, Fall, 2012 - Winter, 2013

Planned and facilitated programs and social events for the campus community.

Interests:

Sports: Basketball and Tennis.

Music: *Played drums and guitar in a rock band. Performed at Walk Now for Autism at Jones Beach.*