

Ernest John Kirstein IV

glank314@gmail.com • (919)760-5193 • <https://github.com/glank>
Apt. 1 210 Hudson Street • Hoboken, NJ 07030

EDUCATION	<i>M.S. Software Engineering</i> Monmouth University Graduate School May 2015 <i>B.S. Software Engineering and B.S. Mathematics</i> Monmouth University Honors School, <i>Cum Laude</i> January 2014	
HONORS AND AWARDS	Member of Phi Eta Sigma Honors Society Member of Mensa Software Engineering Department Academic Excellence Award (Undergraduate), Monmouth University 2013	
SKILLS AND EXPERTISE	<i>Languages:</i> Python (2 years), Java (5+ years), C/C++, PHP, JavaScript <i>IDEs:</i> Vim, Eclipse, Visual Studio <i>Operating Systems:</i> Windows XP, Vista, and 7; Ubuntu and CentOS Linux	
EXPERIENCE	<i>Software Engineer</i> Google	April 2015 - Now Ashesh Bakshi asheshb@google.com
	<ul style="list-style-type: none">• Improving data review process.	
	<i>Math and Computer Science Tutor</i> Monmouth PAC <i>pro bono</i>	October 2014 - April 2015 Buryl Fortney s0786435@monmouth.edu
	<ul style="list-style-type: none">• Tutoring high school students in math and programming.• Planning and teaching the advance CS class.	
	<i>Volunteer</i> Animal Rescue Force <i>pro bono</i>	October 2014 - April 2015 Susan (732) 257-7559
	<ul style="list-style-type: none">• Walking and cleaning up after pets.• Collecting donations.	
	<i>Software Engineer</i> Discovery Data Salary: \$50k	June 2014 - February 2015 Claudio Diaz
	<ul style="list-style-type: none">• Requirements gathering in iterative development.• Using and debugging data hygiene systems.• Process improvement and automation.	
	<i>Jr. Software Engineer</i> Discovery Data Pay Rate: \$15/hr	June 2013 - June 2014 Claudio Diaz
	<ul style="list-style-type: none">• Maintaining and developing full-stack systems.• Writing web scrapers in Python.	

Software Developer
Monmouth University
Pay Rate: Approx. \$10/hr

Sept 2011 - August 2013
Cui Yu
cyu@monmouth.edu

- Developing Java systems from the ground up.
- Managing small development teams.
- Developing tools for image/sound manipulation and video/audio compression.

Software Researcher
Monmouth University
Pay Rate: Approx. \$10/hr

Summer 2010
William Tepfenhart
btepfenhart@monmouth.edu

- Interfacing with sparsely documented systems.
- Developing tools for audio manipulation, speech recognition, and equation parsing.

Peer Tutor
Monmouth University
Pay Rate: Approx. \$10/hr

Sept 2010 - May 2012
Dorothy Clearly
dcleary@monmouth.edu

- Experience explaining math and computer science concepts in simple terms.
- Solidified my understandings of core mathematics and C.S. concepts.