John (Joey) Wilson

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Education

Drexel University	Philadelphia, PA
BS/MS in Computer Science with Honors	Anticipated Graduation: June 2020
Minor in Psychology, Math	**Cumulative GPA: 3.81**

Honors and Awards

Dean's List, Drexel University, 2015-Present
AJ Drexel Scholarship, Drexel University, 2015 - Present
Spellman Humanitarian Award, West Chester Area School District, 2015

Relevant Coursework

Theory of Computation	Software Design and Engineering	System Architecture and Programming
Computer Networks	Artificial Intelligence	Machine Learning
Graphical User Interfaces	Web and Mobile App Development	Computing in Small
Database Management	Business Statistics I	Business Communications

Skills

Software: C, C++, C#, CSS, HTML, Java, JavaScript, jQuery, MySQL, MIPS, Python; Visual Studio, Eclipse; Office 365

Experience

Academic Project
Dragon Carts   Drexel University
Project Manager   January 2016 - Present
  • Led a team of 4 to design and release iOS and Web applications for Drexel's food trucks
  • Oversaw development to ensure quality and consistency between members
  • Resolved issues that inhibited app development and ensured all phases were completed under specified timeline
  • Supported development of the WebApp (HTML, CSS, JavaScript, jQuery, MySQL)

Work
Analytical Graphics, Inc. (AGI)   Exton, PA
Software Developer   September 2016 - March 2017
  • Collaborated with a team of 4 on scalability extension (allows for use of Parallel Computing) of flagship product, Systems Tool Kit
  • Updated simulator to aid in functional and stress testing of WebApp (C#)
  • Refactored Python API to follow standard python conventions and provide proper documentation (Python)
  • Continued development of WebApp for better display of tray applications (JSX, Meteor, ReactJS)

Unisys   Malvern, PA
MCP Security Development   *September* 2017 – March 2018
  • Researched, designed, implemented, tested, and documented implementation of Microsoft AppLocker technology as a feature into next release of flagship product.
  • Developed a C++ program to validate and compare proprietary AES-XTS-256 encryption code to commodity implementation (OpenSSL).
  • Researched network protocol fuzzing for proprietary protocols

Activities

Managing Personal Investment Portfolio (48% return), Self, November 2016-Present
Captain, Henderson High School Wrestling Team (Over 100 Career Wins), 2014-2015
Pennsylvania All-Academic High School Wrestling Team; First Team Selection 2013, 2014, 2015