

Joe Campanelli

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**EDUCATION UNIVERSITY OF DELAWARE, NEWARK, DE, BACHELOR OF SCIENCE IN
COMPUTER SCIENCE**

Cumulative GPA: 3.353/4.00

Major GPA: 3.422/4.00

Relevant Courses: Data Structures, Algorithms, Computer Networks,
Compiler Design, Advanced Software Engineering

Expected Graduation: May 2016

SKILLS AND ABILITIES

Programming: Experienced in Java, C++, C, HTML, and CSS.

Troubleshooting: Knowledgeable in tracing and correcting faults within hardware/software

Productivity: Experienced in Microsoft Word, Excel, PowerPoint

ACADEMIC PROJECTS

MEGGYJAVA COMPILER (Java)

Implemented the phases of a compiler for a small object-oriented programming language. Included scanning and parsing using JLex and JavaCup, creating and handling a symbol table, type checking, and register allocation to translate high-level MeggyJava programs to AVR code. Presented compiler concepts at UD's CIS department showcase.

DELDOT STATE FAIR GAME (Java)

Created a 2-player educational card game in a 4-person team to convey themes of sustainable landscaping to school age children. Included storyboard creation, presentation to DelDOT representatives, working with art students to produce graphics, and production of the game.

LOWEST COMMON ANCESTOR RESEARCH PROJECT (Java)

Conducted a study in a 4-person team to observe the differences in LCA algorithms among various CPU architectures. Included an abstract, presentation, and report.

EXPERIENCE

ASSISTANT MANAGER, LIMESTONE PERSONAL MINI STORAGE, AVONDALE, PA

Summer 2013, Summer 2014, Winter 2015, Summer 2015

Assisted customers (on the phone and visitors), managed day to day finances, custodial operations, running errands.