

Conner Simmons

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EDUCATION:

BS, Computer Science (ABET Accredited)
University of Scranton, Scranton, PA

Graduation: May 2015
Cumulative GPA: 3.73

MS, Software Engineering
University of Scranton, Scranton, PA

Graduation: May 2016
Cumulative GPA: 3.76

COMPUTER EXPERIENCE:

Web: HTML, CSS, XML, JSON

Languages: Java, Swift, C, SQL, C#, PHP, Objective-C, Bash, Python

Operating Systems: Windows XP/Vista/7, Macintosh OS X, Linux (Ubuntu, Red Hat)

Software/Tools: MS Office, Adobe Photoshop, Eclipse, jGrasp, Android Developer Tools, Spring Tool Suite, JUnit, PostgreSQL, MySQL, Git, Lucidchart, Xcode, Trello, Terminal/PuTTY

COURSEWORK:

- | | | |
|--|---|--|
| ♦ Computer Science I | ♦ Computer Architecture | ♦ Mathematics for Software Engineering |
| ♦ Computer Science II | ♦ Operating Systems | ♦ Introduction to Software Development |
| ♦ Data Structures and Algorithms | ♦ Web Design and Development | ♦ Engineering of Software Systems |
| ♦ Machine Organization and Assembly Language Programming | ♦ Programming Languages | ♦ Formal Methods and Models |
| ♦ Theoretical Foundations of Computer Science | ♦ Discrete Mathematics | ♦ Requirements Analysis and Software Specification |
| ♦ File Processing | ♦ Applied Probability and Mathematical Statistics | ♦ Software Project Management |
| | ♦ Mobile Application Development | |
| | ♦ Database Systems | |

WORK EXPERIENCE:

Software Engineer Intern, International Business Machines Corporation, *Poughkeepsie, NY*

June 2015-August 2015

- ♦ IBM z Systems Software Performance team member.
- ♦ Responsible for installation and benchmark testing of Apache Spark on Linux on z, as well as on an alternative platform.
- ♦ Responsible for comparative analysis and performance results of Spark on Linux on z and on an alternative platform for LinuxCon 2015.
- ♦ Worked with a Master Inventor on the development and submission of multiple patents.

Graduate Teaching Assistant, University of Scranton, *Scranton, PA*

August 2014-Present

- ♦ Teach five sections of Computer Literacy labs to undergraduate students per semester.
- ♦ Compile preliminary grading of undergraduate Computer Science coursework for department professors.
- ♦ Hold office hours and attend open lab hours to aid students with understanding course materials.

Data Extraction Intern, The Blue Book Building and Construction Network, *Jefferson Valley, NY*

May 2014-December 2014

- ♦ Developed software to extract text from non-OCR PDF files, saving both time and money in the process.
- ♦ Programmed Connotate web scraping Agents using Agent Studio.
- ♦ Crafted regular expressions to extract data within Connotate Agents.
- ♦ Verified proper operation of Connotate Agents and published Connotate Agents to internal scraping server.
- ♦ Performed maintenance of existing Connotate Agents that show on error reports.

Range Attendant, Centennial Golf Club, *Carmel, NY* (Seasonal)

March 2011-May 2014

- ♦ Responsible for managing driving range and setting range up for play.
- ♦ Responsible for keeping range and cart areas clean, orderly, and safe.
- ♦ Responsible for managing all practice facilities and greens.
- ♦ Other positions included: Cart Barn Attendant, Ranger, and Starter.

AWARDS/HONORS:

- ♦ Dean's List – Fall 2011, 2012, 2014; Spring 2012, 2013, 2014, 2015
- ♦ Alpha Lambda Delta Honor Society
- ♦ Eta Kappa Nu (IEEE-HKN) Honor Society – Lambda Nu Chapter
- ♦ Association for Computing Machinery – University of Scranton Chapter: Vice President
- ♦ Upsilon Pi Epsilon (UPE) Honor Society