

# CONNER SIMMONS

## SOFTWARE ENGINEER

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## PROJECTS

### THIMBLE OF HONEY BLOG

#### iOS MOBILE APPLICATION

An RSS reader style mobile application dedicated to providing easy access to the Thimble of Honey food and lifestyle blog. The app provides favoriting and sharing features and is currently available on the Apple App Store.

### BLUE2GO, MASTER'S THESIS PROJECT

#### iOS MOBILE APPLICATION

A mobile application developed in conjunction with Contractors Register, Inc., aimed at streamlining the construction industry's bidding process and the communication process amongst invested parties. The app connects to the nation's largest construction database, providing contact tagging and sorting, project creation and distribution, and various communication outlets.

## EDUCATION

### BS, COMPUTER SCIENCE (ABET ACCREDITED)

UNIVERSITY OF SCRANTON  
MAY 2015 – GPA: 3.73

### MS, SOFTWARE ENGINEERING

UNIVERSITY OF SCRANTON  
MAY 2016 – GPA: 3.80

## PROGRAMMING

Java, Swift, SQL, C#, Objective-C, Bash, PHP,  
Python, HTML, CSS, XML, JSON

## OPERATING SYSTEMS

Windows XP/7/8, Macintosh OS X, Linux  
(Ubuntu, Red Hat)

## SOFTWARE / TOOLS

Eclipse, Xcode, Git, Terminal/PuTTY,  
PostgreSQL, MySQL, Android Studio,  
Slack, Lucidchart, Trello

## AWARDS / HONORS

Dean's List, 2011 - 2015  
Alpha Lambda Delta Honor Society  
Eta Kappa Nu Honor Society  
Upsilon Pi Epsilon Honor Society  
Vice President  
Association for Computing Machinery  
Vice President

## WORK EXPERIENCE

### 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 in course material comprehension.

### SOFTWARE ENGINEER INTERN/ IBM Poughkeepsie, NY • June 2015 – August 2015

- + IBM z Systems Software Performance team member.
- + Installed and performed benchmark testing of Apache Spark on Linux on z, as well as on an alternative platform.
- + Conducted comparative analysis and performance result breakdowns of Apache Spark on Linux on z, as well as on an alternative platform, for LinuxCon 2015 presentation.
- + Developed and submitted for multiple patents alongside a Master Inventor.

### DATA EXTRACTION INTERN/ CONTRACTORS REGISTER, INC. 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, often while crafting regular expressions to extract data, using Agent Studio.
- + Verified proper operation and performed maintenance of existing Connotate Agents and published them to internal scraping server.

### RANGE ATTENDANT/ CENTENNIAL GOLF CLUB Carmel, NY • March 2011 – May 2014 (Seasonal)

- + Managed driving range setup and operation, kept range and cart areas clean, orderly, and safe, as well as managed all practice facilities and greens.
- + Other positions: Cart Barn Attendant, Ranger, and Starter.