

Ryan C Smith

WEBSITE ryancharlessmith.com

GITHUB github.com/RyCSmith

EDUCATION **Master of Computer and Information Technology (expected May, 2016).**

University of Pennsylvania, Philadelphia, PA.

- 3.90 current cumulative GPA.
- Completed Courses: Computer Architecture, Programming Languages and Techniques, Programming Languages and Techniques II (Data Structures and Algorithms), Theory of Computation, Digital System Organization and Design, Discrete Mathematics
- Current Courses: Internet and Web Systems, Software Engineering

BA, Spanish with a minor in Latin American Studies. Cum Laude. May 2010.

Central Connecticut State University, New Britain, CT.

- 3.52 cumulative GPA.
- Participated in two study abroad programs. León, Spain, 1 year. Florianópolis, Brazil, 6 months.
- Recipient of the FIPSE grant to study in Brazil.
- Recipient of monthly scholarship for translations done on behalf of University of State of Santa Catarina.
- Member of the Spanish club. Co-Founder of the Portuguese conversation group.

SKILLS

Python • Java • C • JavaScript • C++ • Groovy • Git

HTML/CSS/Bootstrap • Fluent Spanish • Intermediate Portuguese • PhantomJS • JMeter

PROJECTS

Bugs Interpreter - Interpreter for 'Bugs' programming language developed by Dr. Dave Matuszek.

Kruskal's Maze Generator - Uses a modified version of Kruskal's algorithm to design and solve mazes.

WatchDog - Home monitoring app for Pebble watch. Reports temperatures and monitors a motion sensor.

EXPERIENCE **University of Pennsylvania - School of Engineering and Applied Science**

Teaching Assistant. August 2015 - Present.

- Teaching Assistant in CIT590, graduate level programming class for non-computer science majors.

Goldman Sachs

Technology Summer Analyst. May 2015 - August 2015.

- Software Engineering Intern on the Sales Technology - Business Intelligence Team.
- Designed and implemented program to dynamically create and perform realistic load testing of the Business Intelligence platform including web applications and QlikView dashboards.
- Load testing program was used to successfully identify areas of concern within the platform.

Discover Learn Work Career Training Services.

• shop.rosesforautism.com •

Employment Specialist. Jan 2012 - July 2014.

- Served as member of ecommerce team, conducting routine management, maintenance and design modifications for Magento-based web-store generating \$50k+ in first-year sales.
- Developed individualized service plans to meet the needs of individuals with developmental disabilities.
- Arranged community-based employment and internships for program participants.
- Completed monthly billing invoices in excess of \$250k for all services provided by Guilford, CT facility.

ACTIVITIES

iPraxis - Henry C. Lea Elementary School

Volunteer Mentor. January 2015 - April 2015.

- Taught Python to eighth grade students with the goal of creating a text-based adventure game for their science fair.
- Concluded with development of a "dragon-escape" game.

Goombay Coffee Company

Co-Founder. December 2010 - March 2012.

- Magento-based ecommerce startup providing monthly, artisan-coffee subscription service.
- Offered alternative marketing, commerce platform and drop ship structure for small coffee roasters.