Patrick **Gaston**

P: (303) 332-8797 | E: Patrick.e.gaston@gmail.com | W: www.patrickgaston.com
Computational Linguist ▪ Full-Stack Java Developer

PROFESSIONAL EXPERIENCE

Software Developer II
ePlan Services Inc., A Paychex Company, Denver, CO
February 2017 - Present
Software Engineering position within a large company's Engineering Department:
- Provided support with user requirements analysis, design and programming for uplift of a web application accessed by 100's of thousands of users nationwide.
- Contributed software engineering expertise in the development of products through the software lifecycle, from requirements definition through successful deployment.
- Collaborated with Engineering team to plan, design, and develop clean, efficient solutions that were based on client's needs.

Research Assistant (Computational Linguistics Research)
SUNY Research Foundation, Stony Brook University, NY
August 2015 - May 2016
Computational Linguistics Research Assistant internship that included:
- Working with programming languages (Python and Java) to carry out linguistic Research.
- Used computational methods to carry out a Phonological Experiment.

Linguist
Multilingual and Multicultural Communications Center, Stony Brook University, NY
January 2015 - May 2016
- Examining the communicative adaptations and transformations by individuals and groups as they transcend languages and cultures.
- Informing the public on the means and meanings of developing multilingual and multicultural repertoires.
- Generating knowledge on the impact of global mobility and technological innovation on language practices.

Generator Technician/Paratrooper
U.S. Army, Fort Bragg, NC; Baghdad, Iraq
2010 – 2013
Skills learned: Leadership, Ultimate Teamwork, Organization, Stress Management
- Performed field and sustainment level maintenance on tactical, utility, and precise power generation sets, internal combustion engines and associated equipment.
- Supervised lower grade soldiers and provided technical guidance in the areas of field and sustainment level maintenance. Including: servicing, troubleshooting and repairing power generation equipment through 200KW.
- Provided technical guidance to lower-ranked soldiers in the principles of electrical and electronic circuitry.
- Helped supervise and teach the Iraqi Forces in the principles above on a Tour of Duty in Iraq (2011).

EDUCATION

Master of Science in Computational Linguistics *[In Progress]*
University of Washington, Seattle, WA
September 2017 – Present [Anticipated completion date: December 2018]
- *Thesis under development*

Bachelor of Arts in Linguistics Deans List // Graduated Cum Laude (GPA > 3.6)
Stony Brook University, Stony Brook, NY *2016*
- B.A. Linguistics (Special Interest in Theoretical & Computational Linguistics)
- Focus on Natural Language Processing & Language Acquisition
- Studied 1 year (2 semesters) of both French and Arabic (NSA's STARTALK Government Program)
- Vice President of the Undergraduate Linguistics Club

Full-Stack Java Web Developer Certificate
Skill Distillery, Denver, CO
July 2016 – November 2016
Skill Distillery's Full-Stack Java Programming Boot Camp is a coding school with an immersive, hands-on program where students learn the most critical programming skills to build a lasting career not only as a web developer, but as a full-stack Java application developer. The curriculum is divided into four, four-week week sessions with one-week projects in between each:
- 19-week @ 50 hrs+ per week intensive programming boot camp. Technologies taught/practiced include a Java SE/EE, Spring MVC, Maven, MySQL, MongoD, JPA, RESTful web services, XML, HTML5/CSS3, JavaScript, (JQuery, Node, Angular), Linux and Git/Github.
- Additionally, industry best practices in data-modeling, design patterns, Agile methodologies, and paired-programming were utilized daily.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL
Front-end Technologies: HTML, CSS, JavaScript, AJAX, JQuery, AngularJS
Server-Side Technologies: MySQL, SQL Developer, Linux, Tomcat, AWS, JPA/Hibernate, Heroku
Frameworks: Spring (MVC, Boot, Security), AngularJS, NodeJS
Automation/Build Tools: Docker, Jenkins
Patterns & Architectures: REST
Computational Linguistics Toolkits: Python NLTK, Apache OpenNLP (*Java*)
Software Development/Management Tools: GitHub, Eclipse, Maven, IntelliJ, Jenkins, Ant, Subversion