Drew Boyette

Address: 3819 Walnut, Philadelphia, PA 19104

Phone: (828)-719-6153 | Email : boyette@seas.upenn.edu

LinkedIn: linkedin.com/in/drewboyette | GitHub: github.com/drewsb | Website: drewsb.github.io

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EDUCATION

University of Pennsylvania, School of Engineering and Applied Science   Philadelphia, PA
Candidate for Bachelor of Applied Science, Computer Science   *May 2019*
Minors*: Mathematics, Engineering Entrepreneurship*
Cumulative GPA: *3.33/4.00*

SKILLS

Languages: SQL, C#, Java, Python, C++, C, R, Swift, JavaScript, HTML/CSS
Tools/IDEs: SSMS, Visual Studio, Eclipse, Pandas, Jupyter, Spark, XCode, RStudio, Firebase, AWS, Git

WORK EXPERIENCE

The Blackstone Group L.P.   New York, NY
Software Engineer Summer Analyst   *Summer 2018*
- ➤ Designed and implemented data obfuscation project using SQL Server and C# that encrypts and randomizes sensitive data being deployed to testing environments for improved testing conditions
- ➤ Optimized SQL queries on various slow running pages to improve execution times by over 300%
- ➤ Gained significant exposure to iterative development through tactical meetings with business analysts and tech leads

BeneFix   Lancaster, PA
Software Developer Intern   *Summer 2017 – Fall 2017*
- ➤ Served as a full stack developer across multiple technologies, including Rails, Java, PostGres, D3, and AWS
- ➤ Constructed Java automation tools to parse data and perform validation tests, resulting in significantly fewer data errors and streamlining a multi-day data upload process to several minutes

SELECT PROJECTS

- ➤ *Big Data Analytics Final Project:* Applied LSTM models to find latent correlations in cryptocurrencies prices using Python. Simulated model's performance over 4 days and achieved a 186% return (Team of 3, Spring 2018)
- ➤ *JavaScript Final Project:* Developed *Form Vault*, a Chrome Extension built in JavaScript that gives users ability to save form templates and recover lost data from any webpage. Currently has 500+ users (Fall 2017)

ADDITIONAL EXPERIENCE

School of Engineering and Applied Science   Philadelphia, PA
Teaching Assistant, Introduction to Computer Architecture Course   *Spring 2017 – Present*
- ➤ Facilitated lessons to 200+ students on memory management and fundamentals of Assembly and C
- ➤ Held weekly office hours, designed new assignments, graded exams, and wrote autograder scripts

Wharton School   Philadelphia, PA
IT Technician   *Fall 2015 – Present*
- ➤ Provided walk-in customer service to students including software/hardware problem solving, malware/virus removal, software installation, device configuration, and general software support

SERVICE & LEADERSHIP EXPERIENCE

Ambassador, Hexagon Senior Society   *Spring 2018 – Present*
- ➤ Served as ambassador and tour guide for School of Engineering and Applied Science

Mentor, Big Brothers Big Sisters Program of America   *Spring 2016 – Spring 2017*
- ➤ Built and maintained dependable relationships with children as a volunteer in a community based program

Recruitment and Social Chair, Sigma Nu   *Spring 2016 – Fall 2017*
- ➤ Facilitated and executed 45+ events with budget of 40k and delegated tasks across several committees