

Lucas Brennan

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Education

University of Pittsburgh, Pittsburgh, PA
Bachelor of Science in Computer Science
Minor: Applied Statistics

Aug 2018 - Dec. 2018
GPA: 3.5

Selected Coursework: Operating systems, Algorithms, Applied Categorical Data Analysis,
Computer Organization and Assembly Language, Software QA, Software Engineering

Involvement: Computer Science Club

Technical Skills

Languages: **Java, HTML, Javascript, Vuejs, AngularJs, Mysql, Python, Perl**

Operating Systems/Software: **Windows, MacOSx, Linux, Git, Excel, Tomcat, Maven**

Work Experience

Software Developer , BlueMatrix

January 2019 - Present

- Researched and implemented a proof of work algorithm for DDOS protection using Java and JavaScript which greatly reduced unwanted web scraping
- Facilitated the creation of site reliability engineering team
 - Outlined documentation around common problems and potential solutions
 - Used monitoring tools to track issues before they occur
 - Worked with Level 1 support to communicate technical solutions directly to clients
- Onboarded multiple high profile clients onto the platform using direct communication with clients and targeted development
- Used ELK stack to revitalize logging and metrics throughout the product suite
 - Worked with multiple product developers to create new streamlined metrics logs to be easily grok parseable
 - Created multiple kibana dashboards to facilitate account manager calls with clients and track usage of different parts of the system
- Managed a team of developers in agile fashion to meet deliverables and worked directly with product owners to come up with technical solutions to problems

Quality Computer Systems Intern , Luitpold Pharmaceuticals

June 2018 – September 2018

- Managed user access to quality systems
- Conducted audit trails
- Created and managed Excel spreadsheets for software validation
- Worked with a team of GxP Specialists on the ExcelSafe project