

# Lucas Brennan

lub21@pitt.edu | Holbrook, NY

## Education

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

Aug 2015 - 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

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

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

## Work Experience

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***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