

Bartholomew Allen

Contact Information

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Social Media



Extracurriculars

Vice President of the Software Engineering Club 8/18 - 12/19:

- Collaborate with other members of the group to plan future workshops and tech talks
- Provided a presentation on computer hardware
- Advise underclassmen of valuable skills that most employers are looking for and tips for job interview and soft skills
- Project Manage a mini web development team to redo the user interface of the Towson Virtual Tour website

Vice President of the Data Science Club 8/19 - 12/19:

- Collaborate with other officers to coordinate Data Science related workshops.
- Instructed a Jupyter Notebooks workshop in relation to Data science tools.
- Promoted the club through various campus events to onboard more students.
- Attended a leadership summit for promoting effective teamwork within the club.

Technical Skills

Software: Microsoft Visual basic studio 2015-2017, Eclipse, Brackets, VSCode, Git (Proficient)

Programming Languages: Basic Java, C++, C#, C, JavaScript (Angular, Node.js, Express, React), HTML, CSS, SQL, MongoDB.

Education

Bachelor of Science in Computer Science | December 2019

Towson University, Towson MD
- Cumulative GPA: 3.49

Relevant coursework: Data Structure/Algorithm analysis, Software Engineering, Data Communication and Networking, Programming Languages & Implementations, Operating Systems, Introduction to Cryptography, Database Management Systems, Object-Oriented Design & Programming, Requirements Analysis.

Associate of Science in Computer Science | December 2016

Community College of Baltimore County, Essex, MD
- Cumulative GPA: 3.63 (*Magna Cum Laude*)

Relevant coursework: Linear Algebra, Discrete Mathematics, Logic and OO design, Introduction to Programming Java 1, Advanced programming Java 2, C++ programming, Calculus I, II

Work Experience

- **UPS** - Software Developer I | December 2019 - Present
Timonium, MD
 - Aid in the construction of CI/CD pipelines and scheduling builds
 - Writting design documentation for Logging and Monitoring tools
 - Construct dashboards in Log Insight for analyzing error logs
 - Design Microservice POC's in Camel
- **UPS** - Returning Applications Intern/Co-Op | June 2019 - December 2019
Timonium, MD
 - Research Machine Learning algorithms that best fit our project solution
 - Clean data to prepare for Machine learning input
 - Analyze multiple data sets to calculate correlation between each one
 - Presented project results to upper management and CIEO of the company
- **Cyber4All** - Junior Developer | April 2018 - March 2019
Towson University, Towson MD
 - Writing documentation on backend API's using swagger
 - Implementing small changes to the site
 - Working with AngularJS, Node.js, Express.js and MongoDB
 - Report small bugs in the system

Related Projects

Personal Website | June 2017 - present
Design a website using ReactJS, HTML and CSS

- Promote personal branding, future goals, and self-education
- Enhance my knowledge on web development technologies
- Building an entire website from scratch to showcase design skills

Vivlo | January 2019 - May 2019
Create a Full Stack application that utilizes database principles

- Construct UI components with Java Swing
- Maintained good OOP principles for easy system architecture
- Computed Simple/Complex SQL queries for simple library management functions

Hero-Mania | Feburary 2019 - May 2019
Create a Full Stack Application using the MERN Stack

- Led small team of 4 to create a Full Stack App for Towson University Project Fair
- Construct Backend connection and data passing using MongoDB
- Generate UI Mock-Ups/Wireframes using Figma