Tristen Damon Anderson

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Education

Northern Illinois University, *Dekalb, Illinois*   **May 2021**

Bachelor of Science, Computer Science   GPA: 3.89
Bachelor of Science, Applied Mathematics   GPA: 3.93
Minor in Statistics
Cumulative GPA: 3.95

Work Experience

Business Technology Intern, Discover Financial Services   **Summer 2020**
Riverwoods, Illinois

- Applied robotic process automation to multiple manual processes using Blue Prism across payment services to identify out of balance accounts
- Documented process definition statements to maintain software development life cycle for use cases
- Partnered with production teams to revise, debug and optimize automations to meet business needs

Business Technology Campus Innovator, Discover Financial Services   **August 2019 - May 2020**
DeKalb, Illinois

- Developed full stack applications including a programmer chatbot and a student loan dashboard employing a variety of technologies including React, Node.js, CSS, and Pivotal Cloud Foundry
- Architected and implemented a relational database for the programmer chatbot on PCF
- Utilized agile software development concepts to generate minimal viable products

Mechanical Engineering Intern, **Swarm Robotix**   **Summer 2018**
Naperville, Illinois

- Collaborated in a small team of engineers to design, manufacture and test the chassis and swerve drivetrain for Swarm Robotix's multi-robot initiative
- Developed a standard bottom-up CAD practice to be implemented across the mechanical design teams
- Devised and authored documentation on design iterations using part sketches and exploded views

Related Experience

Northern Illinois Robotics   **Fall 2017 - Spring 2019**
Dekalb, Illinois

- Designed and prototyped robotic manipulators with a small group of students using SolidWorks
- First place competitor at both the 2018 and 2019 Midwestern Robotics Design Competition

Technical Skills

C++, JavaScript, HTML, CSS, PHP, Git, GitHub, Unix/Linux, SQL, MySQL, AWS, PCF, Node.js, React, Blue Prism

Awards and Recognitions

AP Scholar with Honor, AP Scholar with Distinction, Dean's List