Bradley William Austin

**Computer Science and Engineering and
Electrical Engineering Graduate**

CONTACT | PORTFOLIO

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EDUCATION

BACHELOR'S DEGREE
08/2017-12/2021

BACHELOR'S DEGREE IN COMPUTER SCIENCE & ENGINEERING & ELECTRICAL ENGINEERING
Grade Point Average: 3.7 | Graduation Date: December 2021
University of Toledo's President's List 1/8 Semesters | University of Toledo's Dean's List 6/8 Semesters

LANGUAGES/ TECHNOLOGIES

Java | C++ | C# | C | Python | HTML | CSS | SQL | JavaScript | Unity | PSpice | JavaEE | .NET | MATLAB | Linux

COURSEWORK

Linear & Non-Linear Data Structures | Object Oriented Programming | Machine Learning | Artificial Intelligence | Embedded Systems | Theory of Computation | Software Engineering

EXPERIENCE

Security Systems Technician
05/2021-08/2021

Alder Home Security, 450 N 1500 W, Orem, Utah 84057
~Constructed circuit design, developed **embedded systems**, and established wireless communication networks for over 100 households
~Coordinated with 7 teammates to efficiently plan each household and troubleshoot any potential design flaws
~Wrote documentation / reports on every household for future technicians to use

ACME Co-Op Experience
05/2020-08/2020

University of Toledo Engineering, 1610 N Westwood Ave, Toledo, Ohio 43606
~Designed and developed a chemical factory including all electrical and computer components
~Estimated cost benefit analysis to ensure the safest yet modern electrical security system
~Learned **HTML/CSS** basics to further strengthen skills in web development

Teacher's Assistant
01/2020-05/2020

University of Toledo Engineering, 1610 N Westwood Ave, Toledo, Ohio 43606
~Instructed 15 students to learn about **object-oriented programming** in **Java**
~Ensured each individual was ready for future courses through grading and feedback
~Assisted in a senior role to transfer research to future project associates

Software Engineer
05/2019-08/2019

Millennium Software Inc. / Ford Motor Company, 15575 Lundy Pkwy, Dearborn, MI 48126
~Used full stack development including **Java**, **SQL**, **HTML**, and **CSS** to develop a multi-million-dollar website which increased product development efficiency by 3% and file upload speed by 500%
~Collaborated with 10 team members and organized weekly deadlines to review and ensure quality production code was made
~Architected the website using **JavaEE**, **SOAP** and **REST** APIs, and **JSON** to serialize data

PROFESSIONAL & PERSONAL PROJECTS

Aeroline Ticket Purchasing Website
~Developed with **C#** and **.NET** to produce a high-quality app in Visual Studio
~Used a depth search graph to connect airports and allow for new airports to be added
~Collaborated with 2 others to document, debug, and develop the app over 3 months
Monopoly Board Game
~Developed with **Java** and **JavaFX** to develop a fully functioning board game
~Designed alongside 1 other person with bi-weekly check-ins to produce for Honor's Object-Oriented Programming