

# Blair Witt

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## EDUCATION:

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University of Maryland, Baltimore County  
Computer Science, B.S., magna cum laude

Graduation Date: May 2020  
GPA: 3.79 / 4.0

## HONORS & ACADEMIC INVOLVEMENT:

Outstanding Senior in Computer Science (*UMBC COEIT*)  
President's List, Dean's List  
Tutor for UMBC's Academic Success Center  
Teaching Assistant for UMBC's Computer Science Dept.  
Center for Women in Technology (CWIT) Affiliate

## WORK EXPERIENCE:

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### Rochester Institute of Technology & NSF:

*Undergrad. Researcher – Computational Sensing NSF REU* May 2018 - Mar. 2019

- **Published and presented at IEEE PerCom's PerLS 2019 workshop as second author.** ([link](#))
- Project experience with Machine Learning in Python, and HoloLens dev. in C# & Unity
- Worked with an undergraduate partner on a project examining the use of augmented reality headsets in activity recognition algorithms, by analyzing data on user focus and gaze
- Presented findings to mentors and various professionals and as a poster presentation at RIT's Undergraduate Research Symposium 2018 & UMBC's URCAD 2019

### UMBC Computer Science & Electrical Engineering (CSEE) Dept.:

*Undergraduate Research Assistant* Mar. 2019 - May 2020

- Research assistant in UMBC's AVAIL and IRAL labs. Working full-time primarily with Drs. Don Engel and Cynthia Matuszek in AVAIL on assistive robotics and VR data visualization.
- Duties include primary upkeep of UMBC's motion capture VICON lab, and work involving the development of VR simulations to develop language algorithms for robots.

*Intro CS Teaching Assistant*

*Aug. 2018 - May 2020*

- Teaching assistant for both of UMBC's intro Computer Science courses (CMSC 201 & 202)
- Taught sections of 20 students focused on helping improve their programming skills and held office hours to help new CS students and beginner programmers in Python & C++

## LANGUAGES & SKILLS:

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- Languages: Skilled in **Python**, **C++**, **C#**, and **JS** development, all with project experience in academic and research work environments
- Project experience with Git (CLI) & Github, VR development, Microsoft HoloLens development, Unity, Unreal Engine, VirtualBox, ReactJS, Node.js, AWS
- Platform agnostic; proficient and comfortable with Linux, Mac, and Windows: CLI or GUI

## RELEVANT COURSEWORK:

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Intro to Artificial Intelligence, Software Engineering, Algorithms, Machine Learning, Data Visualization (Graduate Level), Bioinformatics, Robotics, Operating Systems, Linear Algebra