

Matthew William Walker

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EDUCATION

Bachelor of Science, Anticipated Graduation May 2021 **Ohio Northern University**
Major: Computer Engineering (ABET Accredited)
Minor: Applied Mathematics

RELATED WORK EXPERIENCE

Research Assistant, Evans Student Research Fellowship Program, ONU Summer 2017

- Researched new assessment practice that has since been implemented in all first-year engineering classrooms
- Tracked student learning throughout their entire collegiate career

TECHNICAL SKILLS

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- **Software:** Microsoft Suite, AutoCAD, Inventor, PSPICE, Visual Studios, ModelSIM
 - **Programming Languages:** Assembly, C, C++, Java, MATLAB

RELATED COURSEWORK

Microprocessors	Electronics	Statics
Network and Data-Communication	Digital Logic	Electrical Circuits
Data Structures and Algorithms	Programming I and II	Microeconomics
	Signals and Systems	Introduction to Engineering

CAMPUS LEADERSHIP

University Innovation Fellow, Worldwide Fellowship Program, Stanford University 2018 to Present

- Trained to become an agent of change on Ohio Northern's campus
- Enhanced innovation, entrepreneurship, and collaboration skills

Innovators of Ohio Northern (I.O.N.), Ohio Northern University Fall 2016 to Present

President

- Project Lead on Makerspace design in new engineering building expected to be completed Fall 2019
- Designed and ran various "Pop-Up Classes" for entire university
- Oversaw I.O.N. projects such as: Library Renovations, Casual Conversations, and MakerTesting

Dean's Team, Ohio Northern University Fall 2016 to Present

- Personal assistants to the Dean of the College of Engineering
- Provide tours to prospective students, sit in on student panels, serve the college of engineering

The American Society for Engineering Education (ASEE), Ohio Northern University 2016 to Present

President

- Organized, planned, and execute elementary school "STEM Days"
- Presented at ASEE PreK-12 Conference in Columbus, Ohio

Leadership Experience (LX), Ohio Northern University Spring 2017

- Developed event planning and time management skills while fine tuning the ability to work under pressure
- Provided insight into interpersonal communication and teamwork

UNIVERSITY INVOLVEMENT

Theta Tau, Ohio Northern University 2018 to Present

- Founding father of the Ohio Northern University Colony of Theta Tau

Kappa Kappa Psi, Ohio Northern University 2018 to Present

- Provide service to bands and support music department with various service opportunities
 - Ushering recitals, clean buildings/instruments, and help professors

Phi Mu Alpha Sinfonia, Ohio Northern University 2017 to Present

Music Ensembles, Ohio Northern University Fall 2016 to Present

- Marching Band, Wind Orchestra, Jazz Ensemble, Kenton Show Choir Combo, Algorithms Jazz Ensemble