ZACH BOHENICK

CROSS-DISCIPLINARY DESIGNER

CONTACT

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in zach-bohenick

PROFILE

I'm just a goofy guy who likes to make people laugh and provoke imagination. I do my best to approach problems with curiosity, empathy, and a supportive attitude. I also work well within cross-functional teams thanks to my wide range of experience and interests. Whatever the challenge— let's have fun, make something special, and try to learn something along the way!

EDUCATION

EXPERIENCE ARCHITECTURE
Michigan State University
Graduating Dec 2019

MAJOR GPA: 4.0

COURSEWORK: Engineering Design, Interaction Design, Ergonomics, Digital Rhetoric, Modern Physics, Leadership and Innovation, Circuits, Statics, Differential Equations

SKILLS

SOFTWARE
Sketch, Figma
Adobe Suite
SolidWorks, PTC Creo, NX Unigraphics
Microsoft Office

WEB DEVELOPMENT
HTML / CSS
Javascript, Jquery, JSON
Ruby on Rails

METHODS
Human-Centered Design
Rapid Prototyping
Design for Manufacturing
Agile Development

MECHANICAL
CNC Machine Operation
Manual Mills, Lathes, Soldering

WORK EXPERIENCE

FRONT-END DEVELOPER
Michigan State University | Present
On a team of 16 students, collaborating through Github, tasked with improving the interface, navigation, and interactive features of www.ourmichiganave.org using Ruby on Rails, Javascript, and Bootstrap.
- Conducting user research with over 50 stakeholders in Lansing
- Prioritizing accessibility, test-driven development, and agile development
- Creating user stories, user flows, wireframes, and high-fidelity prototypes

JUNIOR ENGINEER
Whirlpool Corporation | Summer 2014, Summer 2015
Hired onto the vertical axis research and development team responsible for designing, developing, fabricating and testing solutions to increase capacity in in top-load washing machines.
- Awarded Patent US20170030000AI | Feb 2019
- Developed over 25 prototypes and parts using manual machining tools
- Built displays and mock-ups for vendor presentations

ENGINEERING DESIGN
RCPD at Michigan State University | Aug - Dec 2013
Worked with the Resource Center for Persons with Disabilities to transform the way visually-impaired students navigate campus.
- Interviewed visually-impaired students to better suit their needs
- Created a detailed, embossed map of campus
- Developed an interface to relay building, street, and landmark names
- Gained experience in teamwork and accessibility