

ZACH BOHENICK

CROSS-DISCIPLINARY DESIGNER

CONTACT

+1 303 903 9488
zbohenick@gmail.com
zachbohenick.com
zach-bohenick

PROFILE

I'm just an honest 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 the capacity of top-load washing machines.

- Awarded Patent US20170030000A1 | 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