

Jonathan Chuang

✉ jochuang@umich.edu

☎ (248) 205-8137

🖱 jonathanchuang.me

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EDUCATION

University of Michigan
April 2022 | Ann Arbor, MI

College of Literature, Science
and the Arts, B.S
Major: Computer Science
Minor: Spanish
GPA: 3.86 / 4.00

COURSEWORK

Data Structures & Algorithms

Foundations of Computer
Science

Computer Organization

Discrete Math

Honors Statistics

SKILLS

Programming Languages:

React, JavaScript, C/C++,
HTML/CSS, Python, SQL

Tools:

Linux, GitHub, Google Analytics,
Firebase, WordPress, Postman,
Figma, Docker, Netlify

Languages:

Spanish (intermediate),
Mandarin (conversational)

EXTRACURRICULARS

Wolverine Sports Analytics

Hoops for Hope

Varsity Women's Basketball
Practice Team

EXPERIENCE

LeaseMagnets (Ann Arbor SPARK), Software Engineering Intern
Jun 2020 – Aug 2020 | Ann Arbor, MI

- Automated manual email notification system to alert clients immediately after receiving a new lead, **reducing email creation time by 10 minutes per email**
- Integrated **Stripe** payment page to allow customers to pay & change subscription plans via dashboard
- Produced video customization page to provide clients full control over video tour content & style, **decreasing production workflow by 48 hours per video tour**

Voluntutors, Project Manager
Aug 2020 – Aug 2020 | Ann Arbor, MI

- Led **creation of digital platform** where K-12 students struggling with virtual learning are matched with volunteer tutors in college
- Oversaw team of 4 web developers to delegate tasks based on skillset and preference resulting in **minimum viable product in 2 weeks**
- Utilized EmailJS, instead of Firebase's email extension, to handle **front-end emailing functionality**, mitigating Firebase's Blaze plan cost

Wolverine Sports Analytics, Vice President
Sep 2019 – Present | Ann Arbor, MI

- Web-scraped HTML files from HerHoopsStats.com to extract college women's basketball statistics into a **database on MySQL Pro**
- Created **predictive analysis model** by manipulating player & team statistics to predict likelihood of Michigan's Women's Basketball Team to beat any opponent **with 80% accuracy**

Hoops for Hope, Media Chair
Apr 2019 – Present | Ann Arbor, MI

- Developed club's website, replacing old WordPress site, to establish full control over site content & theming while **saving ~\$300 annually**
- Promoted events to Michigan undergraduates through club's LinkedIn, Instagram & Facebook accounts, increasing clinic **volunteers by ~200%** and average post **engagement by ~150%**

PROJECTS

QuickLinks 🔗

Created Chrome Extension to enable a faster way to access most used URLs & copy-and-paste links into job applications & emails

SafeSpace Services 🔗

Constructed e-commerce WordPress website for local disinfectant services company to generate online revenue amid COVID-19 pandemic

Click Industrial 🔗

Built e-commerce Lightspeed website for local industrial supplier company to simplify existing phone call ordering method