Jonathan Chuang

✉ jochuang@umich.edu

📞 (248) 205-8137

↖ jonathanchuang.me

in j0nathanchuang

○ j0nathanchuang

EDUCATION

University of Michigan
April 2022 | Ann Arbor, MI

College of Literature, Science and the Arts, B.S
Major: Computer Science
Minor: Spanish
GPA: 3.89 / 4.00

COURSEWORK

Data Structures & Algorithms

Operating Systems

Web Systems

Computer Organization

Discrete Math

SKILLS

Programming Languages:

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

Tools:

Linux, Git, Google Analytics, Firebase, AWS, Postman, Figma, Docker, Netlify, iMovie

Languages:

Spanish (intermediate), Mandarin (conversational)

EXTRACURRICULARS

Wolverine Sports Analytics

Hoops for Hope

Varsity Women's Basketball Practice Team

Eta Kappa Nu (HKN)

EXPERIENCE

LeaseMagnets (Ann Arbor SPARK), *Software Engineering Intern*
June 2020 – August 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**

Wolverine Sports Analytics, *Vice President*
September 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**
- Managed web development team to **revamp club website** and produce meeting attendance tracking system

Voluntutors, *Project Manager*
August 2020 – August 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

Hoops for Hope, *Media Chair*
April 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

493jack 🔗

Produced an online game inspired by Blackjack using human-centered design principles with 2 other classmates

SafeSpace Services 🔗

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