Arthur Shi

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Education

University of Michigan, Computer Science, B.S.   3.84 GPA   Sept 2015 - May 2019
- Data Struct. & Algorithms, Machine Learning, Web Systems, Computer Architecture, Calc 3, Linear Algebra
- Entrepreneurs Leadership Program Fellow (2017)
- Barger Leadership Institute Capstone Program Fellow (2017)
- James B. Angell Scholar (2015, 2016)
- John W. Bean Dean's Merit LSA Scholarship Recipient (2015-2019)

Experience

Software (iOS) Development Intern   **MySwimPro**   May 2017 - Aug 2017
- Designed and developed new features and reworked UIs for Apple's 2016 App of the Year; my code is used by 25,000+ monthly active users and contributed to a 40%+ revenue growth this quarter
- Worked on product roadmap and business model strategy to adapt to new market insights, leading to continual premium subscriber growth and raising of 130k crowdfunded pre-seed round
- Various side tasks as needed, including: front-end web updates, investor meeting, presenting at events, creating marketing content (blogs, social media, photo/video), customer discovery and product validation

Business Development Intern   **DroneView Technologies**   May 2016 - Aug 2016
- Wrote scripts in Python and Javascript (Google Sheets API) to parse and format purchased market data to upload to CRM, streamlining the bottleneck of our sales cycle (client identification and first contact)
- Developed data processing and QA workflows to eliminate dependency on contractors, increasing margin by ~15% per project
- Refined marketing and lead generation/validation workflows and worked sales, leading to 5-figure annual contracts with new clients

Project Director, Advisor   **MPowered Entrepreneurship (student org)**   Oct 2015 - Present
- Designed and coordinated a startup hackathon from scratch which 200+ students and 13 companies attended. I headed the raising of a $13,000 budget for the event, while also designing the event
- Directed an 8-person team in developing an entrepreneurial meetup series that reached ~300 students and ~2 dozen entrepreneur speakers from the SE Michigan area
- Currently serving as an advisor/consultant for the executive team and project teams

Projects

- **arthurshi.me:** A personal website featuring live updates from my blog and Instagram, as well as widgets for some Spotify and Soundcloud playlists I've put a lot love into. Built from scratch with Bootstrap and jQuery.
- **MicrowaveTextField:** An open source (MIT licensed) auto-formatting text field for time entry in iOS. A lightweight class that plugs in easily to Apple's Cocoa Touch framework for rapid and intuitive deployment.
- *OrgShare*: A research project and web app to help students find and share student orgs. (In development)
- **Arthur's Blog:** My active Medium blog; thoughts on (mostly) society, philosophy, and books. I have about 5k reads to date, and have been featured on the University of Michigan's Center for Entrepreneurship publication.

Skills

- **Experienced:** C++, Git, Swift 3
- **Basic:** ES6 Javascript, Web Development (MEAN), Python 3, Java, Shell scripting
- **Non-technical:** Written and verbal communication, project management, business development