

# JONATHAN WONG

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## Education

**The University of Texas at Austin**, May 2021  
BBA; Business Honors, Management Information Systems  
BSA; Biology, Computer Science Certificate  
GPA: 3.82/4.00

## Relevant Skills/Coursework

**Dev:** Python, JavaScript (React, React Native, Node.js), SQL, AWS Infra, DynamoDB, Java, HTML, CSS, C, C++, R, Bash, Swift, Git, Excel & VBA  
**Design/Product:** Figma, Sketch, Photoshop, Illustrator, Asana, Trello, Jira  
**Courses:** Data Structures and Algorithms, Databases, Machine Learning, Stats and Data Analysis, UX Design, Symbolic Logic, Corporate Finance

## Work Experience

**Roblox** – Product Management Intern San Mateo, CA (Jun 2020 – Aug 2020)  
Game matchmaking (MM) team; responsible for insights into and improving the algorithm that matches 160M MAU to game instances

- Drove A/B testing of optimal parameter weights based on data analysis; increased total user playtime per day by 4.7M minutes
- Implemented 10 dashboards to understand the effects of MM algorithm parameters like game occupancy on user engagement
- Analyzed 150M+ data points to validate parameter scoring (standardizes raw values) and determine optimal parameter weights
- Designed product requirements over game join data, server migration to latest game updates, and machine learning based MM

**Diligent Robotics** – Product Management & Software Engineering Intern Austin, TX (Aug 2019 – Jun 2020)  
Series A startup automating laborious hospital nursing tasks with a robot named Moxi. Time Magazine's Best Inventions of 2019

- Conducted research with 10 nurses and robotics team to ideate UX of Moxi delivering items via mobile app for 3 hospitals
- Designed and developed an app saving 70K+ hours a year for 60+ nurses by helping them to deliver medical items with Moxi
- Built robot operator dashboard in ReactJS to monitor 12 robots' hardware health, current task progress, and surroundings

**Pulse Q&A (YC W18) via True Ventures TEC Fellowship** – Software Engineering Intern San Francisco, CA (Jun 2019 – Aug 2019)  
Series A startup where Fortune 500 execs discuss/gain industry insights on a social platform used by companies to gather useful data

- Developed social features for 20K+ execs: user profiles, content channels, polls, commenting, feed filters, and anon user modes
- Built and shipped Polls for LinkedIn, a Chrome extension; a Product Hunt featured product of the month with 1,000+ upvotes
- Established the True Ventures founder group on Pulse, building a community knowledge forum for 324+ True funded founders

**Swipe Me In @swipeme.in** – Founder, Product Lead, & Full-Stack Developer Austin, TX (Sep 2018 – Aug 2019)  
Social impact startup fighting food insecurity on campus by connecting owners of unused meal swipes to those in need of cheap food

- Launched a startup connecting 1,000 students in a two-sided meal marketplace, facilitating 800+ dining hall meal transactions
- Built and designed a payment, matchmaking, and user meet-up system that processed \$4000 and donated \$800 to UT food bank
- Selected as 1 / 10 student startups to compete for \$10K in funding and pitch at SXSW ATX Startup Crawl/LSL Finals to 600+ people

## Leadership Experience

**Texas Product Engineering Organization @txproduct.org** – Co-Founder & President Austin, TX (Dec 2019 – Present)  
Fostering tech innovation as UT's first org that teaches students product/design/eng through classes and community impact projects

- Leading team of 25 in running student org including recruitment of 70 people, 3 practical tech courses, and 5 software projects
- Creating curriculum and teaching 11-week courses over product management and full-stack engineering to 20+ students
- Managing 5 software projects for 50K+ people at Dell Medical School/ Children's Hospital, UT Gov, and Blackstone Launchpad

**Project RISE** – Mentor Lead & Instructor Austin, TX (Aug 2018 – Present)  
501(c)(3) nonprofit empowering young people in low-resource communities to achieve success through entrepreneurship education

- Leading 20 HS/college students in a 15-week business/entrepreneurship curriculum where they create plans for new businesses
- Mentoring low-resource high school students at KIPP Austin Collegiate in entrepreneurship, college applications, tech, and life

## Projects & Honors

- **Spotify Buddy @spotifybuddy.com** – 5,000+ users; App to listen to Spotify music with others in real-time from anywhere in the world with an open queue & gain insights into what friends are listening to. Built 2 months before Spotify's release of the same feature.
- **Lung Cancer Detector** – ML classifier & image processing algorithm to detect cancer in lung tissue images with 70% accuracy at UTA
- **Psoar Health** – Dell Children's Hospital app used by 500+ patients and doctors to track patients' medication adherence through data
- **1<sup>st</sup> Place HackTX** (SwipeMeIn) – JPM, Code for Good Challenge and CBRE, Best Hack That Helps The Community out of 720 entrants
- **1<sup>st</sup> Place DaVita Healthcare Case Competition** – Presented to DaVita execs a case to increase CKD market penetration by 40%
- **2<sup>nd</sup> Place in Dell Medical School Research Fair** – Developed EHR using Swift, NLP, and TTS decreasing physician time spent by 60%
- **McCombs Endowed President's Scholarship** – Earned full-ride merit scholarship worth \$250,000 awarded to top 2% of students

## Additional Information

**Languages:** Proficient in Spanish, Basic Vietnamese

**Work Eligibility:** Eligible to work in the U.S. with no restrictions

**Interests:** Bad Dancing, Tennis, Ping Pong, Beef Pho, Social Impact, Robotics, Healthcare, Spotify Discover, Sunsets, Long Walks