JUSTIN CHONG

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EDUCATION

Dartmouth College | Hanover, NH | **GPA: 3.88/4.0** **Sept 2020 - June 2024**
Bachelor of Arts in Computer Science Modified with Biology, Minor in Human-Centered Design
Relevant Coursework: Programming and Computation (Python), UI/UX Design I & II
Honors/Awards: Third Honor Group (Top 35% of Class), Riley Family Fund Scholar, Korean-American Federation of Los Angeles Scholar, Center IPA Scholar, Korean Heritage Foundation Scholar, Citation for Meritorious Performance

Herbert Hoover High School | Glendale, CA | **GPA: 4.642/4.0** **June 2020**
Valedictorian, SAT Math 800, SAT English 770
Honors/Awards: Elks Most Valuable Student Semi-Finalist, National AP Scholar, Manhee Koju Foundation Scholar

SKILLS & INTERESTS

Technical Skills: Python, JavaScript, React, HTML, CSS, Git, Figma, Agile, Scrum, Microsoft Office, Google Suite
Languages: Proficiency in Spanish (writing, reading), Proficiency in Korean (comprehension)
Interests: Freestyle and slopestyle skiing, Raazberry (dance troupe), Instagram food blogger, traveling and cultural immersion

WORK EXPERIENCE

Digital Applied Learning and Innovation (DALI) Lab | Hanover, NH **Dec. 2021 - Present**
Product Manager
- Spearheaded a cross-functional team of 6-7 developers, designers, and technical mentors using Scrum/Agile methodologies
- Delivered full-stack apps in a 10 week timeline (15-20 hours/week during school year) for tech companies and researchers
- Led weekly meetings with clients to define product strategy, relay team updates, and incorporate client feedback

UI/UX Designer
- Drove end-to-end digital solutions from ideation and wireframes to high-fidelity mockups and unified design systems
- Collaborated with developers to simplify the more complicated UI of key landing pages to make it feasible to implement

Project Manager for Partner Relations Team
- Increased revenue by $55,000 by closing 5 contracts with external companies, tech start-ups, and Dartmouth researchers
- Collaborated with top management and team lead to assess projects' technical feasibility, market strategy, and feature specs
- Secured a partnership with Novartis Pharmaceuticals by creating a pitch deck and organizing weekly stakeholder meetings

PROJECTS

FitWit (DALI UI/UX Designer) **June 2022 - Present**
- Designed a community-oriented fitness app that uses Apple HealthKit data to create personalized activity goals for users
- Redefined product vision by synthesizing data from industry and UX research, user interviews, and competitive/stakeholder analysis and proposed a 30% accelerated design timeline to clients to implement three key new features
- Identified pain points in flow, navigation, and information architecture from usability testing and iterated on UI/UX

iPath (DALI Product Manager) **Mar. 2022 - June 2022**
- Delivered a mobile app for a National Institute of Health project to help rural cancer patients find depression treatment providers through a depression screening survey, interactive decision aid, and health data visualizations
- Orchestrated a shift to Cloud Firestore backend to achieve offline local persistence and HIPAA-compliant data protection
- Implemented click tracking on 40 metrics to collect data on click behavior, positional bias, and user journey success rates

Envision Earth (DALI Product Manager) **Dec. 2021 - Mar. 2022**
- Delivered a React app with Node.js, Express, and MongoDB for the CRUD API server and a React Native mobile app for Holistic Management International to digitize business operations for ranchers managing 30 million acres of land globally
- Implemented interactive graph visualizations, data tracking, and offline mobile data collection and backend upload to allow thousands of rural ranchers to track cattle grazing and reproduction cycles for sustainable livestock management

Dartmouth Pathfinder - *Python* **May 2021**
- Developed a program to find the shortest path between two vertices over an image of Dartmouth containing 80 vertices
- Implemented a breadth-first search algorithm to loop through vertices and edges of abstract Dartmouth map

LEADERSHIP

Dartmouth Undergraduate Journal of Science | Hanover, NH **Jan. 2021 – Present**
Staff Writer
- Synthesized data and quantitative research findings from 30+ publications to author and publish a literature review
- Collaborated with 15+ writers and editors to integrate research into cohesive print journal publications
- Reengineered workflow processes of a failing experimental protocol to deliver clinically significant results for publication