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RECENT EXPERIENCE

Sep '21 – Present **Apple, Inc.** – *AR/VR Software Engineer* **Sunnyvale, CA**
- Led API review, refactoring, and documentation efforts of new cross-platform App Intents framework
- Hosted developer Q&A and one-on-one consulting sessions at WWDC 2022 after initial public release
- Contributing to highly collaborative, cross-functional design meetings with Shortcuts, Siri, system apps etc.
- Active participant in AR/VR, AI/ML, and computer vision demo and algorithm deep dive sessions
- Presently working with AR/VR UI frameworks team on feature enablement as software engineer on loan

Jan '21 – Apr '21 **Proof Diagnostics, Inc.** – *Engineering Consultant* **Seattle, WA**
- Proof is a stealth startup developing CRISPR-based COVID-19 testing; subsequently raised $45M Series A
- Developed initial website, low-level BLE OTS protocol in collaboration with design and engineering teams
- Weekly reviews with CTO and CEO on technical and strategic matters

Jul '20 – Sep '20 **Apple, Inc.** – *AI/ML Software Engineering Intern* **Seattle, WA**
- Developed a modular, reusable iOS gaze API; algorithm for intelligent UI selection leveraging gaze and voice
- Conducted user study to determine key metrics; created extensible framework for study control, data collection
- Presented findings to AI/ML organization executives and team leads with positive reception

Jan '20 – Mar '20 **Meta Platforms, Inc. (Formerly Facebook, Inc.)** – *Software Engineering Intern* **Menlo Park, CA**
- Led design and implementation of new system-wide interfaces, notification flows for upcoming feature release
- Drove multi-team collaboration to integrate with existing infrastructure; earned exceeded expectations review

Jun '19 – Dec '19 **Xevo, Inc. / Lear Corporation** – *SDE I - AI UX / SDE Intern* **Bellevue, WA**
- Xevo is a connected car technology firm; insight into acquisition process after Xevo was sold to Lear for $320M
- Founding member of exploratory project team to generate high-order intelligence from raw user telemetry data
- Designed and implemented ETL pipeline to determine POIs as input for AI/ML model to build user profiles

Jun '18 – Sep '18 **Lime (Neutron Holdings, Inc.)** – *Software Engineering Intern* **San Francisco, CA**
- Lime is the largest global micro-mobility company, operating in 30+ counties and has raised over $1.5B
- Initiated and led a complete redesign of iOS app, unifying and simplifying company design language
- Implemented persistent trip rating system, in-trip zones interface, compliance 'how to ride' screen, etc.
- Gained insight into the business challenges of rapidly scaling as headcount, ridership doubled to over 1M MAU

Oct '17 – Mar '18 **Suplari, Inc.** – *Engineering Intern* **Seattle, WA**
- Suplari is an AI-driven procurement analytics and insights platform which was acquired by Microsoft in 2021
- Drove development of GCP backend, app to facilitate supplier database normalization for ML model training

HIGHLIGHTED PROJECTS

Aug '17 – Present **Weightlifting App** – *iOS App Store*
- Founded a gamified platform to analyze workouts complete with AI/ML, intelligent feedback, leaderboards
- Leading all product design, marketing, data science/analytics, and customer support/feedback efforts
- 40k+ installs, 3k+ MAU, 2M+ sessions, 4.7 star rated, top-10 weightlifting app

Jan '21 – Jun '21 **DecorPie** – *instagram.com/decorpie_official*
- Co-founder, CTO, leader of marketing and design teams in eight-member company selling graduation bundles
- Conducted 50+ interviews, 200+ respondent survey; developed website which drove 80+% of total sales volume
- Established a successful and profitable business, surpassing sales target and finishing at top of class

Aug '16 – Jan '19 **Homework App** – *iOS App Store*
- Founded a platform for organizing, tracking, and reminding users of upcoming homework assignments
- Sold to Haystack AI in 2019 after negotiating terms for acquisition
- Upon acquisition: 338k installs, 63k MAU, 4.7 star rated, #1 global homework app, top-60 productivity app

EDUCATION

2017 – 2021 **University of Washington** **Seattle, WA**
- BS, Paul G. Allen School of Computer Science; Minor, Entrepreneurship, Foster School of Business
- *Magna cum laude* – top 3.5% of class; Dean's List in 10/10 quarters; cumulative GPA: 3.9

2013 – 2017 **Thomas Jefferson High School for Science & Technology** **Alexandria, VA**
- #1 nationally ranked magnet school; developed semi-autonomous go-kart in senior lab; GPA: 4.3

SKILLS

- Programming expertise in Swift, Objective C, C/C++, JavaScript/TypeScript, Python, Java, PHP/Hack, SQL, HTML/CSS
- Proficient with Google/Microsoft Office Suites, Tableau, Jupyter, Jira/Asana, Adobe CC (Photoshop, Illustrator etc.), AWS, GCP

PERSONAL

- Avid reader and podcast listener – 40+ books per year; topics include business, economics, psychology, futurism, AGI, biotechnology
- Passion for world travel – visited 25+ countries; most recently a three-week solo backpacking trip through Europe
- Lived in Beijing, China from 2008 to 2012; returned in 2016 for internship with Chinese startup Rokid, Inc. in Hang Zhou
- Natural bodybuilding and physique competitor – placed 2nd and 3rd respectively in 2022 INBF Battle of the Bay
- 5-time Tough Mudder; 2-time century biker; 4-year high school basketball player; brother at Delta Tau Delta – Gamma Mu chapter