

Oscar Newman

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EXPERIENCE

Founding Engineer, Marble — August 2020 to Present

- Guiding design and frontend development at YC-funded company restaurant-tech startup
- Building UI/UX design systems for enterprise and consumer-facing software
- Overseeing product pipeline from design to production

Software Engineering Intern, YCharts — Summer 2020

- Full-stack engineering on a web-based financial analytics platform
- Refactored and iterated central data structures and components of a large legacy codebase

Founder, Pillar — January 2019 to January 2020

- Created a robo-advised giving and philanthropy platform
- Designed and implemented a ReactJS frontend alongside a GraphQL/PostgreSQL backend
- Launched an MVP in September 2019 that generated over 40 first-day signups

Breakthrough Lab (B-Lab) Startup Accelerator — Summer 2019

- Selected in competitive application and pitch process for Brown's flagship venture accelerator
- Worked for 8 weeks in Brown's co-working space with team on self-founded venture Pillar
- Conducted over 100 customer interviews, market research, product design, and full-stack development

Leader, *Brown Entrepreneurship Club Tech Team* — 2017 to 2019

- Directed a team of 8 developing software to help the Entrepreneurial community at Brown
- Launched multiple web apps, and built functional MVPs for student startups (taketuctuc.com)
- Designed workshops to teach product development and coding skills absent in the CS curriculum

Frontend Developer, *Squarelink*, Cambridge, MA — Summer 2018

- Designed and built entire product frontend for a \$1M seed-funded cryptographic authentication company
- Worked closely with CEO and investors, guided product direction, and managed other developers

Finance Intern, *Gina Raimondo for Governor*, Providence, RI — 2017 to 2018

- Wrote key briefs on donors and partners for the Governor
- Researched and compiled information on over 400 donors in close collaboration with staff

Frontend Developer, *Fetchum*, Providence, RI — 2017

- Designed and developed initial point-of-sale system for food delivery startup *Fetchum*
- Launched a product in one month now used in over 20 high-volume restaurants

Software Engineering Intern, Enthought, Austin, TX — Summer 2014

- Built data-analytics features into company's core product while in middle school
- Used a proprietary declarative UI framework in Python

EDUCATION

Brown University — A.B. Computer Science, Machine Learning and AI, Graduating 2021, 4.0 GPA in Major, 3.94 Overall

SKILLS

Experience

Full Stack Software Engineering
Graphic Design for Web, Mobile, and Print
Machine Learning / Deep Learning
Data Structures / Algorithms
Two Apps launched on iOS App Store

Software and Languages

React + VueJS	Python	Photoshop / Illustrator
HTML & CSS	TensorFlow / PyTorch	Flask / Express.js
Javascript / Node.js	React Native	SQL
GraphQL / REST	Java and C	Git / Github
iOS Dev / Swift / ObjC	Sketch / Figma	Video Production