ETHAN RICHARDS

Team-orientated engineer

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SUMMARY

Solutions-orientated engineer with 4+ years of experience developing, testing and communicating projects in Xcode and Unity3d's integrated development environments with a heavy language focus of Swift and C# and extensive experience with UI Frameworks.

PROJECT EXPERIENCE

Lead Engineer
VR Grocery
📅 2020 - 2020   📍 Bellevue, WA

- Design, develop and implement demo consisting of basic grocery shopping simulation functionality
- Strategize, plan and write overarching technical document guide for software requirements and developing team
- Led CTO hiring and vetting efforts
- Utilized: C#, Firebase

iOS Engineer
reDormIt
📅 2018   📍 Eugene, OR

- Created freemium modeled marketplace application for college students at U. of O.
- Implemented high level Swift functions, APIs, complex manipulation of data structures and database optimization
- Designed optimal UI/UX for efficient user interaction
- Utilized: Swift, Objective-C, Firebase

Mapping Company Information
Extracurricular Project
📅 2002 - 2018   📍 Eugene, OR

- Reading CSV file of company balance sheet information points
- Double hashing into map of the data struct
- Implemented another map based on linked lists
- Reported which map type stored and fetched the entire workload at the optimal rate
- Utilized: C

EDUCATION

Bachelor of Science, Finance/Computer Science
University of Oregon
📅 1997 - 2021   📍 Eugene, OR

PROGRAMMING LANGUAGES

Swift Advanced ●●●●●	**JavaScript** Advanced ●●●●○	**Python** Advanced ●●●○○
C Advanced ●●●○○	**R** Intermediate ●●●○○	**Objective-C** Intermediate ●●○○○

REFERENCES

Maggie Tippit, VP of Marketing and Ecommerce, Darwin's Natural Pet Products

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