

# ETHAN RICHARDS

## Team-orientated engineer

☎ 425-922-9092

@ ethanrichards52@gmail.com

🔗 <https://erichar3.github.io/>

## 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

#### Reilly Group

📅 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

206-766-0193 maggietippit@gmail.com