

Constantin Koehler

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Experience

Omnitracs Roadnet Technologies

Towson, MD

SOFTWARE ENGINEER I

April 2018 – Present

- Improved mobile applications used by more than 100,000 users
- Contributed to 2 server solutions that integrates with the mobile apps
- Collaboratively designed new solutions to improve User Experience

Mindgrub Technologies

Baltimore, MD

MOBILE SOFTWARE ENGINEER

August 2016 – April 2018

- Researched Swift, Java and Kotlin best practices for developing native apps
- Architected, built and shipped iOS and Android applications to clients in a 20+ person team
- Built products that are accessible to everyone, including those with disabilities

BackPack'Em

Baltimore, MD

LEAD MOBILE DEVELOPER

April 2015 – Sep 2017

- Developed an iOS and Android application using Ionic framework to increase user adoption
- Lead the mobile software team and determined the best practice for creating hybrid mobile apps
- Formulated a REST API to enable data transfer to and from the application

General Electric Healthcare

Milwaukee, WI

QARA PREDIX DEVELOPER

Summer 2016

- Designed wireframe with 3 views and a dashboard to prove out a technology
- Created prioritization algorithm to identify risk in thousands of records in order to reduce FDA violations
- Integrated queries and stored procedures to compare data and assure information

Skills

Programming Languages: Java, Swift, Kotlin, Javascript, SQL, HTML, CSS

Frameworks and Tools: Agile, Scrum, JIRA

Foreign Language: Fluent in German

Projects

9 Week 5K

Swift, XCode

A "COUCH TO 5K" TRAINING APP FOR IPHONE TO GET NEW RUNNERS INTO 5K SHAPE

Coming Soon

BGE Mobile App

Swift, Java

UTILITY APP FOR IPHONE AND ANDROID TO ALLOW CUSTOMERS TO MANAGE THEIR ACCOUNTS ON THE GO

<http://bit.ly/BGEApps>

Tournament Scenario Tool

React, Node, HTML, CSS

ENTER SCORES FOR SOCCER TOURNAMENTS TO SEE WHICH TEAMS MAKE IT THROUGH TO THE NEXT ROUND

tournament-tiebreaker.herokuapp.com

Personal Website

Node, HTML, CSS, Bootstrap

MY PERSONAL WEBSITE TO SHOWCASE THE APPS I'M PROUD TO HAVE WORKED ON

ConstantinKoehler.com

Senate Vote Tabulator

React, Node, HTML, CSS

WEB APP FOR BACK-OF-THE-ENVELOPE CALCULATIONS TO SEE IF A BILL WOULD PASS THE U.S SENATE

senate-vote-tabulator.herokuapp.com

Education

UMBC

Baltimore, MD

BS IN COMPUTER SCIENCE

Sep 2014 – May 2017

GPA: 3.1