

PROJECTS

YIGIT

Jul 2016 - present

ⓑ

Web app developed with React and Meteor to create an itinerary based on location. Has a search feature that utilizes Yelp's API and builds a visual board with media from Instagram's API.

WAVES

Apr 2016

ⓑ

Web app utilizing Spotify API and node.js. Created the algorithm to compute compatibility of taste in music between two users using traits such as top artists, top tracks, related artists, genres and audio features.

BONDFIRE

Jul 2015 - Aug 2015

ⓑ

A prototype using Android and smartwatch interface that allows for creating and editing a group profile, "swiping," messaging, and rating users, all to allow groups of users to find other groups for novel experiences.

TEAM BUILDER

Jul 2015

ⓑ

Python program that allows users to register, log in, find and communicate with other users based on needs and skill.

MAPS & GRAPHS

Dec 2014

ⓑ

Created in Java a general library package to manipulate graphs along with clients that utilize the package in order to provide the shortest path from one location to a destination, implemented with concepts of traversal; similar to the basis of Google Maps.

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ⓕ ront-end

anne lin

anne.lin@berkeley.edu
510 . 432 . 7976

EDUCATION

University of California, Berkeley
May 2017
Bachelor of Science

EXPERIENCE

Work & Extracurricular

APPLIED MATHEMATICS

MATH1B: Calculus;
MATH53: Multivariable Calculus;
MATH54: Linear Algebra and Differential Equations;
MATH110: Linear Algebra;
MATH104: Introduction to Analysis;
MATH113: Abstract Algebra;
MATH185: Complex Analysis

COMPUTER SCIENCE

CS61A: Structure and Interpretation of Computer Programs;
CS61B: Data Structures;
CS61C: Great Ideas of Computer Architecture;
CS70: Discrete Math and Probability;
CS160: User Interfaces;
CS170: Introduction to Computer Science Theory;
CS188: Introduction to Artificial Intelligence;
CS198: Web Design Decal;
CS198: Ruby on Rails

AWARDS

Matthew Gearhart Memorial Scholarship 2013, Key Club Scholarship 2013

SKILLS & INTERESTS

TECHNICAL

React-Bootstrap, Meteor, Python, Java, C, Javascript, Android, HTML, CSS, Photoshop, Illustrator, InDesign, Light Room, Microsoft Office Suite

INTERESTS

Painting, drawing, photopgraphy, modeling, fashion, coffee crafting, cooking, baking, reading, hiking, slacklining, traveling, volunteering, tutoring

BLACKBERRY

Software Development Intern - R&D
Jun 2016 - Aug 2016

Utilized React-Bootstrap and Meteor to develop a feedback component for Blackberry's project managing and chat service, which communicates with JIRA's API to create and update issues.

The component contains dynamic validations, loading animations for async calls, and automatic user info collection.

Wrote extensive unit and integration tests using Enzyme, Chai, and Sinon for both client and server sides.

Feature to be used in deployment.

INNOVATIVE DESIGN

Photography Tier
Jan 2016 - Present

Photographed events around school campus for different organizations, taught a public workshop on photograph composition for social media platform Instagram, aided with upholding the organization's presence on campus.

UC BERKELEY: CS61A

Lab Assistant
Aug - Dec 2014, Jun - Aug 2015

Assisted about 60 students with lab assignments, homework, and projects 3 hours a week. Guided them through Python concepts such as recursion, iteration, higher-order functions, OOP, trees, and inheritance. Also helped with Scheme and SQL.