



Gabe Goodman

Software Engineer Tokyo, Japan

 goodman.g@northeastern.edu

 (+81) 70-8561-0311

 gabe-goodman.com

Technical Skills

Languages & Frameworks: JavaScript, TypeScript, React, Vue.js

Databases: GraphQL, REST, PostgreSQL, MySQL, MongoDB

Version Control & Testing: Git, TDD/BDD, Jasmine, Mocha/Chai

Backend: Node.js, Express

Cloud Services: GCP, AWS, MongoDB

Processes: Agile, Scrum, Kanban

Projects

E-Mina – Pop Culture Tourism App, github.com/YACT-jp/E-Mina-mobile-frontend

Mobile application for searching and sharing real-life locations from Japanese pop culture

- Led frontend development effort for key features using **React Native** framework for Android
- Researched & integrated mobile feature libraries such as **React Navigation**, **React Native Maps**
- Leveraged **NativeBase framework** for rapid-prototyping of component UI, feature functionality
- Facilitated communication with backend engineers regarding API endpoints, database structure
- Implemented user authentication and account creation using **MongoDB Realm** cloud services

Festival Finder – Interactive Map, github.com/Gabe-Goodman/Festival-Finder

Responsive web application guiding users to participating shops for community events

- Designed feature-rich, full stack SPA in **React** using modular components, **Firebase**, **Maps API**
- Deployed full stack application using **Firebase Hosting**, continuous deployment using **Netlify**
- Executed preliminary user testing, relayed results to stakeholders during informal meetings

My Media Library – Personal API, github.com/Gabe-Goodman/My-Media-Library

Media API executed using Express, Node.js, PostgreSQL, Knex.js

- Engineered a **RESTful API** server in **Express** and **Node.js**, providing CRUD functionality
- Interfaced with **PostgreSQL** database using **Knex.js** for JavaScript query-building
- Conducted unit testing using **Mocha framework** with **Chai** assertion library

Work Experience

Assistant Language Teacher, Tokyo, Japan

Jul 2019-Present

JET Program – Tanashi Technical Highschool

- Increased student-ALT interaction by 8x, to every-other-lesson via reading and speaking tests
- Refined, standardized curriculum rubrics for department alignment, resource consolidation

Medical Device Engineering Co-op, Framingham, MA

Jan-Aug 2018

Bose Corporation – Bose Hear

- Informed the development of a direct-to-consumer hearing aid as a cross-functional engineer
- Fabricated models using rapid-prototyping; conducted preliminary wear tests for fit and comfort

Mechanical Engineering Co-op, Boston, MA

Jan-Dec 2017

Philips Healthcare – Connected Sensing

- Applied knowledge of material properties in designing a biocompatible, wearable biosensor

Education

Northeastern University, Boston, MA

May 2019

Bachelor of Science in Bioengineering

Concentration in Medical Devices, Minor in Materials Science and Engineering

Code Chrysalis, Tokyo, Japan

Dec 2021

Advanced Software Engineering Program

Full Stack development with agile methodologies