

Mike Dunham

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Summary

Frontend engineer with a background in education, data, and politics. Specializing in React and JavaScript and particularly interested in solving problems around housing, transportation, politics, and education. Located in the Bay Area but willing to work remote as well.

Technologies: [Core] JavaScript (ES6), React (16+), HTML5, CSS3 - [Version Control] Git, GitHub - [Testing] Jest, Enzyme, Cypress
[UI] Material-UI, Bulma - [Continuous Integration] CircleCI - [Backend] Firebase, Netlify - [JAMStack] Gatsby, NetlifyCMS

Projects

Deliberate Sprints

<https://deliberate-sprints.web.app>

A CRUD sprint tracking tool that lets a user organize projects and sprints and monitor their progress over time. Built in React, with Redux for state management and Material-UI for the user interface.

- Project Stack: React, Redux, Material-UI, Axios, Firebase, Jest/Enzyme, Cypress, Recharts, Formik, Yup, CircleCI

Tubeflix

<https://tube-flix.web.app>

A React demo that imports YouTube content from the official API into a Netflix-style web app.

- Project Stack: React, Axios, YouTube API, Firebase, CSS Modules

JAMStack Portfolio Site

<https://www.mikedunham.org>

A personal portfolio site built on the JAMStack using Gatsby and Netlify. Projects are stored in markdown and can be added, edited, or removed via a NetlifyCMS admin interface, without touching the source code directly.

- Project Stack: React, GatsbyJS, GraphQL, Netlify, NetlifyCMS, Bulma

Work Experience

Mike Dunham for Burlingame City Council - <https://www.MikeForBurlingame.com>

Burlingame, CA

CANDIDATE

Jul. 2019 - Nov. 2019

- Ran grassroots city council campaign challenging two incumbents over housing, transportation, and equity issues.
- Raised \$25,000, knocked more than 14,000 doors with 45+ volunteers, and came close to beating the incumbent mayor.

Summit Public Schools - <https://www.SummitPS.org>

Redwood City, CA

DIRECTOR OF DATA / CONSULTANT

Aug. 2015 - Jun. 2019

- Managed team of 6 to setup and operate numerous student data systems and provide data, reporting, scheduling, and operational support to 11 schools in CA and WA.

New Classrooms - <https://www.NewClassrooms.org>

New York, NY

SQL DEVELOPER / SR. MGR. OF STUDENT PROGRESSION

Jul. 2012 - Aug. 2014

- Developed and maintained large suite of SQL-based data integrity tests for one of the country's earliest personalized learning programs.
- Led cross-functional team (academics, operations, engineering) to build next-generation of tools for dynamically moving 6,000 students through the program's curriculum.

Teach For America - <https://www.TeachForAmerica.org>

New York, NY

5TH GRADE MATH TEACHER

Jun. 2010 - Jun. 2012

- Selected into a highly-competitive public service program and taught for 2 years in an under-served Brooklyn neighborhood.

Education

Stanford Graduate School of Education

Palo Alto, CA

MA, LEARNING, DESIGN, AND TECHNOLOGY

Sep. 2014 - Aug. 2015

- Certificate in Entrepreneurship and Innovation, Stanford Ignite
- Co-President of Stanford GSB/GSE Education Club

Yale University

New Haven, CT

BA, POLITICAL SCIENCE

Aug. 2002 - May 2006

- Magna Cum Laude; Departmental Honors; President of Rumpus Magazine, nation's oldest college tabloid