

# KELLY DINNEEN

720-382-4463 | kgdinneen@gmail.com | github.com/kellydinneen

## EDUCATION

### Software Engineering Intensive

October 2020 – present

Turing School of Software & Design

- Immersive, 7-month training program in software development
- Emphasis on object-oriented programming in **JavaScript** and rigorous development workflows (Agile, Git, Continuous Integration, TDD with **Mocha, Jest, and Cypress**)
- Focusing on front-end technologies (**HTML/CSS/SCSS, TypeScript, React, and Redux**) with some exposure to the backend (**Express.js, Node.js, PostgreSQL, GraphQL**)
- Personally chose to emphasize data visualization and creative coding tools (**D3.js, Leaflet.js, Paper.js, P5.js**)

*Featured Projects:*

#### A Little App on Form (in progress)

Interactive data visualization of formal patterns in poetry based on Robert Hass' *A Little Book on Form*

PostgreSQL, GraphQL, Express.js, Node.js, Jest, Docker, D3.js, Paper.js, React, Javascript(ES6)/HTML/SCSS

#### GitHub Garden (winner of Turing's March 2021 Demo Competition)

Uses the GitHub API to construct colorful, garden-themed data visualizations of GitHub profiles and events

Node.js, D3.js, React Hooks, React Router, Leaflet.js, React Leaflet, Cypress, Heroku, Firebase, Javascript(ES6)/HTML/CSS

#### Crate

Users subscribe to curated clothing and accessory subscriptions. Primarily an exercise in Redux.

PostgreSQL, GraphQL, Node.js, React, Redux, Jest, Storybook, Javascript(ES6)/HTML/SCSS

#### Rubberduck

Provides action steps to programmers who are stuck. Uses custom REST API to process user inputs into personalized advice

Express.js, Node.js, React Hooks, React Router, Cypress, Heroku, JavaScript, HTML/CSS

#### Rancid Tomatillos

Functional spoof of Rotten Tomatoes. Uses custom REST API to store users and allow them to favorite/review recent movies.

Express.js, Node.js, React, React Router, React Youtube, Cypress, Heroku Javascript(ES6)/HTML/SCSS

### B.A. Philosophy, Neuroscience, and Mathematics

August 2016 – December 2020

University of Colorado Boulder - College of Arts and Sciences Honors Program

Honors student and triple major with a focus on human learning and decision making. Though pursuing an undergraduate degree, completed 20+ graduate level courses in philosophy and cognitive science. Consistently pursued leadership opportunities and worked to build communities of inquiry.

*Honors & Awards:*

- ★ **Boettcher Scholarship** (2016): full-ride, 4-year, merit award for academic excellence and leadership
- ★ **Jacob Van Ek Award** (2019): chosen for high grade point average, intellectual ingenuity, and leadership
- ★ **Morris Judd Essay Prize & History of Philosophy Essay Prize** (2018/2019)

*Activities & Leadership:*

**Editor and Chief, *The Honors Journal*** (formerly Humanities Editor) (2017 - 20); **Founder, Women of Philosophy Club** (2017 - 2020); **Student Ambassador, Conference on World Affairs** (2017 - 19); **Board Member, Minorities and Philosophy (MAP)** (2017-19); **Volunteer Leader, Alternative Breaks Program** (2016/17)

*Study Abroad:*

**Creative Coding Workshop, NØ School Nevers** (2019); **Bounded Rationality Summer School, Paris School of Economics**: (2019); **Semester in Alaska, International Wilderness Leadership School** (2016); **Semester in India, National Outdoor Leadership School** (2015)

## WORK EXPERIENCE

- Logic, Math, and Writing Tutor** – Self-employed Spring – Summer 2020  
Assisted students of all levels (kindergarten through University) in a variety of disciplines. Supported and designed full curriculums for students who had opted out of their schools' struggling remote learning programs. Acquired over forty, five-star reviews for my services.
- Learning Innovation Intern** – Provost's Office of Innovation, U. of Colorado 2018 – 2020  
Collaborated with professors and other University staff on the design, production, and publication of open access online courses. Served as system administrator for the Coursera platform. Helped to solicit and design 3 specializations and 13 courses on Coursera.
- Management Consulting Fellow** – Mission Spark, Denver, Colorado Summer – Fall 2019  
Strategic consultant with focus on institutional equity and internal branding
- Teaching Assistant** – Assorted Philosophy Seminars, U. of Colorado Fall 2018 – Fall 2019  
Selected by three separate faculty members to be co-facilitator, curriculum designer, and grader for their courses: *How Should One Live, The Pursuit of Happiness, and Why Be Moral*
- Research Assistant** – Institute of Cognitive Science, U. of Colorado Summer 2017 – Spring 2018  
Responsible for editing research proposals, collecting data, and participating in brainstorm sessions with cognitive scientists, computer scientists, educators, and Denver Public Schools administrators. Research project focused on the design and implementation of curriculum that integrated computer science and natural science learning
- Information Literacy and Curriculum Design Fellow** – U. of Colorado Libraries Spring 2017  
Selected to work with the Libraries' Teaching and Learning team to research habits of information consumption and design a curriculum promoting intellectual humility
- Outdoor Leadership Instructor** – Big City Mountaineers, Golden, CO Summer 2016  
Worked with middle school students from refugee communities to develop leadership and teamwork skills
- Assistant Elementary Teacher** – YMCA Power Scholars, Denver, CO Summer 2015  
Taught core subjects to elementary students who were behind grade level and/or learning English as a second language

## SKILLS

### *Technical*

Javascript (ES6)	TDD w Mocha/Jest/Cypress.io
Data visualization w D3.js	REST APIs with Express.js and Node.js
TypeScript	React, React Router, and Redux
SQL and PostgreSQL	GraphQL
HTML	CSS and SCSS
Git and GitHub	Firebase
Docker	Travis CI

### *Soft*

Public speaking	Qualitative and Quantitative Research
Project Management	Remote Team Management (w Slack/Trello/Zoom)
Writing/Editing/Copy Editing	Strategic Consulting
Curriculum Design	Teaching

## HOBBIES & PASSIONS

*wilderness education*  
*long-distance thru-biking*  
*skiing*  
*sea-kayaking*

*teaching*  
*travel*  
*tech ethics*  
*creative coding*

*art as activism*  
*public philosophy*  
*civic tech*  
*science communication*