

Cole Ellison

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EDUCATION **Middlebury College** // Middlebury, VT

2018 BA Mathematics // GPA 3.7

College Scholar and Dean's List

Relevant Coursework: Data Structures, Linear Algebra, Multivariable Calculus, Abstract Algebra, Real Analysis, Differential Geometry, Stochastic Processes, Algorithms, Machine Learning, Finite Fields

2016 **Horizons Technology Fellows Program** // Philadelphia, PA

Software Engineering, Entrepreneurship

EXPERIENCE

2017 **Software Engineer Intern** // Squarespace // squarespace.com

- Member of the Interface Architecture team managing i18n of core product
- Primary developer on internal progressive web app that details i18n tooling

2016 **Lead Mobile Engineer** // Clink

- Clink is a location aware iOS app for finding and rating nightlife venues near you
- Built native iOS app with ReactNative components from client mockups
- Architected a RESTful and modular backend using NodeJS, Express, and MongoDB
- Worked in a team of 3 developers using agile practices and weekly client syncs
- Wrote technical documentation of our REST API

2013–2015 **Chief Graphic Designer** // Make Wild, LLC

- Chief graphic designer for a design company of <10 employees
- Lead design for commercial advertising campaigns and project proposals

PROJECTS

2016–2017 **OEC Review** // oec.js.org // **still under development**

- A progressive web app to provide educational slides on the OEC 5th edition textbook

2016 **Blackbox** // hackathon.io/759281 // github.com/EagleWuDev/blackbox

- Blackbox is a ReactNative iOS app that detects possible car crashed and stores footage of the incident in the IPFS blockchain with Ethereum
- Designed collision detection algorithm based off of phone accelerometer sensors
- Implemented a collision watch mode that sends footage from before and after a detected incident

2016 **Hex Palette** // hexpalette.com // github.com/crellison/hexpalette

- Exploited local browser storage to create saved user profiles without a server or database
- Built entirely on ReactJS to ensure rapid rendering
- Featured on the ProductHunt front page on launch day with 80 votes

LEADERSHIP

2014–2018 **Public Speaking Coach** // Oratory Now

- Led individual and group workshops on confidence and effectiveness in public speaking

2016–2018 **Board Member** // Addison County Bike Club (ACBC)

- Acting ambassador for the Middlebury College bike community to the ACBC

2013–2018 **Advertising Chair** // Middlebury Mountain Club

- Designed social media and print advertising campaigns for campus events

SKILLS

JavaScript	HTML5	CSS3	jQuery	NodeJS	Express	React
ReactNative	Python3	Sketch	Illustrator	Git	Java	MongoDB

LANGUAGES

English	native
Spanish	full professional proficiency