

# Luke Deen Taylor

## ABOUT

I've been interested in creating with code since my first LEGO robotics projects as a little kid. I picked up Python in middle school, and soon turned to the web to share my creations with the world. In high school, I started working with JavaScript and CSS for fun, and quickly expanded my skills and mastered modern web development. Today, I pair this expertise with skills in interface design and back-end development to bring projects I'm passionate about to life online.

## EXPERIENCE

### Johns Hopkins Coronavirus Resource Center

May–Sep 2020 | Full-Stack Software Engineer

- ✓ Worked as one of three core developers maintaining and expanding coronavirus.jhu.edu, a crucial public health resource drawing 15 million weekly visitors.
- ✓ Created rich visual data displays that are cited daily by The Washington Post, NPR and others.
- ✓ Developed core components of a new design system as part of a major site redesign.
- ✓ Led effort to centralize data processing strategy; single-handedly developed Python data science toolkit upon which the site's primary engagements are built.
- ✓ Oversaw and led development on a full rewrite of the site in Next.js.

### Tufts University Digital Services

Oct 2019–Apr 2020 | Developer

- ✓ Managed multiple weekly alumni outreach campaigns.
- ✓ Developed, revised, and sent HTML emails with cross-client support to a large audience.

### Moonfarmer

Jun–Aug 2018, Jun–Aug 2019 | Junior Web Developer

- ✓ Worked on developer team building large-scale React apps and meeting deadlines.
- ✓ Switched rapidly between multiple concurrent agile client projects, tracking billable hours on each.
- ✓ Wrote extensive internal technical documentation, as well as public-facing technical blog articles.

### sleep later

May–Aug 2018 | Freelance Developer

- ✓ Designed and built a fully custom e-commerce front-end, back-end, and CMS for a local clothing startup.

### Newburgh Armory Unity Center

2017–2019 | Classroom Assistant

- ✓ Volunteered teaching basic computer science and programming skills to underserved elementary school students as a part of a free enrichment program.

### AppMobi Inc.

Jun–Aug 2016 | Summer Intern

- ✓ Built and deployed mobile apps using Angular.js and Apache Cordova.

## ORIGINAL WORK

### Codus.io

2018–2019 | Vue, Express, Docker

High school independent study project designing and developing a web app for computer science students and classrooms that presents a set of original practice problems in a custom online development environment.

### Wikipedia Map

2016 | JavaScript, Node.js, Flask

Web app allowing users to explore the world's knowledge based on related topics. Leverages Wikipedia API to parse articles and extract "related concepts" from relevant page links in order to build a content graph.

### maze-cv

2015 | Python

Interactive iOS application that solves paper mazes on a device's camera, using my own implementations of computer vision and pathfinding algorithms.

## EDUCATION

### Tufts University

2019–Present | B.S. Computer Science | 3.98 GPA

### New Paltz Central High School

2015–2019 | 96.5 GPA

### Stanford Summer Institutes

2017 | Artificial Intelligence

## SKILLS

### JavaScript

Expert-level development skills in web programming with "vanilla" JavaScript as well as with React and Vue.

React   Next.js   Vue   Node   Express   ES6+

### UI/UX Design

Creating interface designs for web apps which are simultaneously beautiful, responsive, and intuitive.

Sketch   Figma   CSS layout   CSS animation  
SASS   Photoshop   Illustrator   Affinity

### Other technologies

Python   Pandas   Flask   C   C++   Docker  
Git   GraphQL   Asana   GitHub   Jira

## CONTACT

🔗 [luke.deentaylor.com](https://luke.deentaylor.com)

✉ [luke@deentaylor.com](mailto:luke@deentaylor.com)

🔗 [github.com/controversial](https://github.com/controversial)

🔗 [dribbble.com/controversial](https://dribbble.com/controversial)

📞 845 943 9304