




# Ben Holland


## Software Developer


Curious, motivated programmer, grounded in reality. Interested in programming education, security, and designing accessible user experiences.

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Lakewood, OH 

## Work experience

Fall 2018 – Spring 2021

### **Startup Stirfry** – Designer and developer

Worked on a variety of contract jobs, including design, marketing, and development.

Worked with several start-ups, designing app interfaces to their specification.

Spring 2017 – Spring 2019

### **Technologix** – Developer

Designed and developed web interfaces for tracking company data and tables at trade shows.

Used VueJS for the UI, and Axios to interact with a Python server, with a MongoDB database.

Summer 2021 – Winter 2021

### **Casentric** – Lead front-end developer

Used VueJS and Vuetify to design the main interface for a single-page insurance management web app.

Used Axios and GraphQL to work with data from the project's Django server backend.

Winter 2021 – Present

### **Rooftop Media** – Lead developer

Founded the business Rooftop Media, working on open source software, including command line tools and a Javascript web framework.

Also pursued contract work and worked for Giant Eagle during this time.

## Education

Fall 2015 – Spring 2020

### **BS in Computer Science**

**Kent State University**, Kent Ohio

GPA: 3.156

Fall 2011 – May 2015

**Highland High School**, Medina Ohio

## Soft skills

Work ethic

Teamwork

Motivation

Confidence

Problem solving

## Volunteer experience

Spring 2016 – Spring 2020

### **Hacksu** – Co-leader

Part of the leadership team organizing and teaching weekly tech-related lessons, at Kent State University.

Our student-run organization taught a wide range of programming languages and frameworks.

Fall 2016 – Spring 2020

### **Kent Hack Enough** – Organizer

Part of the organizing team in charge of promotion, management, and mentoring for Kent State's weekend-long hackathon event.

Fall 2016 – Spring 2020

### **8 hackathons** – Participant

Collaborated on tech projects at hackathon events. Worked on teams to build a variety of tech projects.

## Technical skills

### Tools

Unix CLI, Powershell, Emacs, Visual Studio, VS Code, pgAdmin, MySQL workbench, Git, ssh, Docker, npm, poetry, pip, pyenv, nginx

### Languages

JavaScript, CSS, HTML, Python, C++, C#

### Frameworks & Tools

JQuery, Vue.js, React.js, Django, ASP.NET, RESTful api design, GraphQL, SQL, MongoDB

### Other Skills & Interests

Natural language processing, object-oriented design patterns, machine learning

## Interests

Website design

Drums and guitar

3d modeling and printing

Creative writing, especially scripts

Visual design, for games, UIs, & art

Circuitry