

# Andrew VanNess

✉ andrewvanness221@gmail.com | ☎ (508) 821-8428 | 📍 Waltham, MA | 🌐 <https://oftheheadland.com>

## Experience

---

### Nexthink

Boston, MA

FULL STACK DEVELOPER

October 2021 – Present

- As part of a small team, developed and managed the marketing websites for a large corporation - ensuring they were constantly updated in a fast-paced environment
- Migrated a Vue app to Next.js for 75% faster page loads, better SEO, and enhanced web accessibility
- Hands-on experience with modern web development technology including Next.js, WordPress, GraphCMS, VueJS, and SEO best practices

### Eastern Research Group, Inc.

Lexington, MA

WEB DEVELOPER

May 2018 – October 2021

- Screened applications, interviewed, and assisted with selecting junior developers to be hired as part of our development team
- Trained junior developers in our processes and technologies and supported them as needed through their first few months
- Created an internal browser extension for the CDC to automate the process of reporting fraudulent COVID-19 preventative products on online marketplaces including Amazon and eBay
- Rebuilt the home page of a government waste management website to reduce page load times by 80% and improved SEO to increase site traffic from 1,000 monthly users to consistently over 20,000
- Achieved 100% test coverage and full WCAG accessibility compliance on a flagship EPA React application

### Bridgewater State University

Bridgewater, MA

COMPUTER SCIENCE TEACHING ASSISTANT

Aug 2017 – May 2018

- Assigned and graded Python assignments and exams
- Tutored students individually and held weekly sessions with the entire class to review course material

### Town of Falmouth

Falmouth, MA

WEBSITE INTERN

April 2017 – Aug 2017

- Updated and maintained the town website through a CMS
- Automated time-consuming IT processes by writing a script to identify water bills made in error and flag them for manual review

## Projects

---

### How's My Waterway

React, NodeJS, Esri

A MAP-CENTRIC, OPEN SOURCE, PROGRESSIVE WEB APPLICATION THAT PULLS DATA FROM MULTIPLE SYSTEMS AT THE EPA TO PROVIDE A USER WITH AN OVERALL PICTURE OF THEIR WATER QUALITY.

<https://mywaterway.epa.gov/>

### Colorblindly

Chrome Extension

CHROME EXTENSION FOR SIMULATING COLORBLINDNESS ON ANY WEB PAGE FOR ACCESSIBILITY TESTING. 350 GITHUB STARS AND OVER 10,000 WEEKLY USERS. FEATURED ON THE FRONT PAGE OF VICE'S TECH NEWS.

<https://uxpro.cc/toolbox/colorblindly/>

### Jamie Bot

React, NodeJS, MongoDB

DISCORD BOT FOR SEAMLESSLY SEARCHING AND SHARING IMAGES, VIDEOS, NEWS, AND MORE. IN USE BY OVER 125,000 MEMBERS ACROSS 1,000 COMMUNITIES.

<https://jamiebot.com/>

## Education

---

### Bridgewater State University

Bridgewater, MA

B.S. IN COMPUTER SCIENCE

Aug 2014 – May 2018

## Skills

---

**Languages:** Vue, React, Next.js, GraphCMS, JavaScript, HTML, CSS, WordPress, PHP, SQL, NodeJS

**Tools:** Github, GitLab, Vercel, Pantheon, Invision, Jira, Visual Studio Code, Heroku, Digital Ocean