Andrew VanNess

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EDUCATION

BRIDGEWATER STATE UNIVERSITY
Expected May 2018 | Bridgewater, MA
Dean's List (4 Semesters)
GPA: 3.5 / 4.0

LINKS

Github:// **oftheheadland**

LinkedIn:// **agvanness**

Website:// **vanness.me**

Devpost:// **oftheheadland**

HACKATHONS

HackPrinceton Spring 2017 (Winner)
HackHarvard 2017
WHACK 2017
HackPrinceton Fall 2017

AWARDS

Best Design - HackPrinceton Spring '17
John and Abigail Adams Scholarship

SKILLS

Python
JavaScript/JQuery
Node.js
Java
MongoDB
Express
HTML/CSS
C/C++
PostgreSQL

COURSEWORK

Senior Design and Development
Principles of Software Development
Internet Forensics
Computer Networks
Multimedia Forensics
Web Application Development Analysis of Algorithms
Object-Oriented Software Engineering
Operating Systems

WORK EXPERIENCE

TEACHING ASSISTANT | Bridgewater State University
January 2018 – Present | Bridgewater, MA
- Assisted professor in conducting 1st year computer science courses.
- Tutored students independently and in small groups. Prepared instructional materials and lectures.
- Used Python extensively to demonstrate concepts and lessons.

JAVA TUTOR | Bridgewater State University
January 2018 – Present | Bridgewater, MA
- Conducted one-on-one training and learning sessions on beginner and intermediate Java.
- Ensured the students understood core concepts and helped troubleshoot bugs.
- Assisted students in writing, developing, testing and documenting their programming assignments.

SYSTEMS ANALYST INTERN | Town of Falmouth
May 2017 – Sept. 2017 | Falmouth, MA
- Updated and documented the town's Water Billing software written in COBOL.
- Managed and updated the town website to current web standards using PHP, HTML, CSS, and Javascript.
- Handled service tickets while providing technical support to Police Dept., Fire Dept., and Town Hall.

PORTFOLIO

CHIRPCHARTS
Entry for HackPrinceton Fall 2017
Web App that displays emotions associated with a hashtag on Twitter by analyzing 1,000 relevant Tweets with Google Sentiment Analysis.
View Project: Chirpchart.herokuapp.com

PAIRBUD
Entry for HackHarvard Spring 2017
Website that uses the Google Maps and Petfinder APIs to let users search for potentially compatible pets in their area based on a custom Javascript algorithm.
View Project: vanness.me/Pairbud/

YELPCAMP
Code Bootcamp
Full-stack web application for reviewing campsites, using Node.js, ExpressJS, Mongoose, Passport, RESTful Routing, jQuery, Javascript, and Bootstrap.
View Project: Oftheheadlandcamp.herokuapp.com

E-COMMERCE DEMO
Personal Project
Demo for a fully functional online store. Built using Express, NodeJS, MongoDB, Stripe, Bootstrap, and the Stripe API to process payments.
View Project: Headlandstore.herokuapp.com

More projects: **https://github.com/oftheheadland**