

# Evan Llewellyn

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## **EDUCATION**

### University of Maryland, College Park

- Bachelor of Science in Computer Science
  - Deans List (Fall 2014, 2015)
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December 2016

## **SKILLS**

- Advanced Proficiency: Java, Javascript
- Working Proficiency: C, HTML, CSS, Python
- Familiar : OCaml, Prolog, Ruby

Coursework: Algorithms, Computer Architecture, Objected Oriented Programming, Data Structures, Computer Networks, Machine Learning.

## **EXPERIENCE**

### Tenable Network Security

June-August 2016

*Front-End Developer Intern, Javascript (Backbone.js), CSS*

- Implemented production code for Security Center, Tenable's enterprise vulnerability management product.
  - Merged over 40 pull requests into codebase handling bug fixes for front-end features such as validation, user permissions, UI issues.
  - Implemented unit tests for Security Center.
  - Worked with a team in an Agile development environment.
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## **SCHOOL PROJECTS**

### Software-Defined Switching

*Python, Mininet, OpenDaylight*

- Uses OpenDaylight to control a simulated network of OpenFlow-enabled switches created using Mininet.
  - Implemented a program to determine the path of active traffic in the simulated network where a single pair of hosts will be exchanging traffic.
  - Uses the REST APIs of OpenDaylight to retrieve topology and inventory data of the network to interpret and detect any network traffic.
  - Outputs an ordered list of the detected traffic's complete path through the network, including all involved hosts, ports, and switches, to a YAML file.
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## **PERSONAL PROJECTS**

### CryptoWeight

*Java, JavaFX, CSS*

- Built a desktop application that displays Bitcoin's weighted prices over the last 24 hours, 7 days, 30 days in 24 different currencies.
- Accesses data through Json object, supplied by Bitcoinchart's public API, that is deserialized by Google's Gson API. Data is persistent between application use by serializing the data in the local directory.

### UMDEats

*Java, JavaFX, CSS, AWS*

- Desktop application that displays UMD's diner lunch and dinner menu for the current day. Features an anonymous comment section for commentary on the day's menu.
- Uses Google's Gson API to convert the Menu and Comment sections into JSON objects. Uses Amazon Web Service's API to upload and download the JSON object so that the comment section is updated between concurrent user's comments.