

Jeremy Johnathan Chung

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Education

- **University of Maryland, College Park, Major: Computer Science, GPA:3.806, expected graduation: May 2019**
Advanced Cybersecurity Experience for Students (ACES) Program, UMD Honors program.
Completed 300 level Computer Science course work.

Academic Honors/Awards

- **Dean's List, Fall 2015 to present, University of Maryland**
- **National Merit Scholar 2015, National Merit Scholarship Foundation**
- **AP Scholar with Distinction Award 2015, College Board**
- **National AP Scholar Award 2015, College Board**

Merit Scholarships

- **President's Scholarship, University of Maryland, College Park**
- **National Merit College-Sponsored Merit Award, University of Maryland, College Park**

Computer Skills and Knowledge

- **React, Reflux, Redux, npm, Node, Express, Spring Boot, Java, JavaScript, Ruby, C#, OCaml, Prolog**
- **Git, Jira, REST, Object-Oriented Programming, Algorithms, Web Design**
- **SQL, Postgres, MongoDB, Android Studio, IntelliJ, Visual Studio, Amazon S3, Packet Tracer**

Internships

- **Summer (2016) Intern/Developer for Vistaprint Digital, Silver Spring, Maryland**
 - Worked in a Kanban environment.
 - Built a backend micro-service, named "cohort-service", using the Spring Boot framework. Cohort-service is consumed by the company's front-facing fourth generation site builder. It allows the site builder to assign new users to a specific user experience.
 - Built a dashboard application using React and Reflux to represent the data being held in the cohort-service database. The dashboard also contained the functionality to consume the cohort-service for the purpose of dynamically altering the cohort-service's way of assigning users to a specific user experience.
 - Participated in team code reviews.
 - Presented backend micro-service and frontend dashboard to company's stakeholders.
- **Summer (2015, 2014) Intern/Web Developer for Earth Networks, Germantown, Maryland**
 - Worked in an Agile development team and attended bi-weekly sprint planning, grooming, and review meetings.
 - Attended daily stand up meeting to report on work assignment progress.

Specific assignments in Summer 2015:

 - Built a data migration application to migrate historical lightning data from MSSQL databases to Amazon S3 storage; Filtered historical lightning data based on location and time into JSON files; Stored metadata for files in Amazon S3 into a separate MSSQL database.
 - Built a web API which retrieves historical lightning data from JSON files in Amazon; Retrieved data and allowed filtering by a start/end time, and a range of latitude and longitude coordinates.

Specific assignments in Summer 2014:

 - Built a module that generates a KML (Google Earth) file to show locations of weather station sensors for Earth Networks Lightning Tools product.
 - Developed code using C#, JavaScript, JQuery, and SQL in Visual Studio along with Chrome debugger.
 - Utilized AJAX calls to dynamically generate buttons in web form.
 - Migrated inline SQL calls to an API to prevent SQL injection.

Hackathon Experience

- **Bitcamp (2016):** Built a web application that transposed stock market data into musical notes.
- **Daemon Dash (2015):** Built an Android application which uses QR codes to organize events.

Personal Projects

- **KatChat (2016):** Built a chat web application, using React and Reflux, that allows users to chat in real-time.