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# **Education**

### MAY 2020

## **Bachelor of Science in Computer Engineering /** University of Maryland, College Park

GPA: 3.836 Honors: University Honors Program, Dean’s List, Presidential Scholarship Recipient

Coursework: Cryptography, Digital Computer Design, Data Structures, Computer and Network Security, Signal Theory, Organization of Programming Languages, Algorithms, Electric Circuits, Digital Logic Design, Discrete Structures, Object-Oriented Programming

Activities: Service Vice President of Circle K International (Fall 2017 – Present), Association of Women in Computing (Fall 2016 – Present), Technica (Spring 2017 – Present), Tau Beta Pi (Fall 2017 - Present), Technology Team of TerpThon (Fall 2017 – Present)

# **Experience**

### JUNE 2019 – August 2019

## **Software Development Engineering Intern /** Amazon, Seattle, WA

* Created a tool that uses computer vision to label whether a car was driving or parked from a dashcam video
* Implemented own idea of using traffic light detection to increase accuracy of tool from 87% to 96%

### JUNE 2018 – August 2018

## **Software Engineering Intern /** J.P. Morgan Chase & Co., New York, New York

* Created a maintenance product inventory for the mainframe team and automating the recertification process
* Created a configuration drift project to compare 100+ parameters on the mainframe to a gold standard

### May 2017 – August 2017

## **Technology Summer Intern /** FINRA, Rockville, MD

* Created a navigation tool for a maintenance report to search through millions of transactions that saved clients 500+ hours
* Won the 2017 Intern Hackathon creating a mobile app teaching millennials about finance

# **Projects**

## **Balance July 2017**

* Used the Ionic framework, Angular 2, and Java to create a stock stimulation app that gives a short tutorial and practice rounds on stocks before letting the user try to make a profit in a simulated stock market
* Won the 2017 Intern Hackathon at FINRA

## **Blackjack Fall 2016**

* Created the GUI and controller using Java and Swing to create a working blackjack game
* Is able to deal, ask the user if they want a hit, and detect who wins and/or busts

# **Skills**

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| * Languages: Java, C, HTML, Matlab, Angular 2, CSS, Unix, Ruby, OCaml, Python * Operating Systems: Windows, Ubuntu * Applications: Microsoft Office, Adobe Fireworks, Flash, Dreamweaver, Visual Studio Code |