

# Derek Major

## CONTACT

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[LinkedIn](#)

## CORE COMPETENCIES

Solutions Identification & Development

Project Planning & Support

Cybersecurity

Cloud Computing

Machine Learning

Technical Analysis

Customer Relations

Team Leadership

Written & Oral Communications

## TECHNICAL SKILLS

C++

Python

JavaScript

SQL

React

Amazon Web Services (AWS)

Solidity

HTML

C

UNIX

Mac OS

Windows OS

Linux

## Languages

French

Spanish

## PROFILE

Upcoming Bachelor of Science in Computer Science graduate with an exceptional academic background and strong foundation in software engineering and programming principles across multiple platforms. Background demonstrates an understanding and applied usage of cloud computing; object-oriented programming; developing, testing, and validating code; designing systems; and administering systems and network. Possess the drive and capability to work as a member of cross-functional teams and master new technologies. Exceptional communication and customer relations skills.

## EDUCATION

HOWARD UNIVERSITY, Washington D.C.

**Bachelor of Science in Computer Science (Scheduled Completion May 2021)**

*Coursework:* Computer Organization I & II; Computer Science I, II, & III; Database Systems; Applied Data Science; Cybersecurity Network CPS/IoT; Cybersecurity I & II; Introduction to Machine Learning; Large Scale Programming; Cloud Computing; Fundamentals of Algorithms; Technical Writing; Operating Systems; & UNIX

## NOTABLE ACHIEVEMENTS & PROJECTS

*Achievements:* Google Hackathon Winner (2017, Freshman)

*Project:* Assumed role as Scrum Master for Senior Project I and II charged with leading the creation of a blockchain solution for a voter system for use for on-campus voting.

*Project:* Designed a game called "Guess Where" using React, JavaScript, and Firebase where a user is given a map and guesses where in the world an image was taken using a specified map API.

## AFFILIATIONS

*Volunteer:* Torch, Howard University (2017 – 2018)

*Member:* National Society of Black Engineers (NSBE), Howard University (2017 – 2020)

## EMPLOYMENT HISTORY

PROACTIVE CYBERSECURITY RESEARCH AND TRAINING PACT MEMBER | 2020 - Present

### Researcher, Cybersecurity

Conduct research and complete classes in cybersecurity, networks, and machine learning for a project focusing on Open VAS vulnerability software for research and training.

UNDERGRADUATE RESEARCH OPPORTUNITIES CONSORTIUM (UROC) | April 2020 – August 2020

### Undergraduate Member, Training & Testing Preparation

Provide research training and graduate school preparation, including GRE workshops and professional development graduate admission programs.

DATA-DRIVE CYBERSECURITY ANALYTICS | 2020

### Undergraduate Research Assistant

Conducted research, using Microsoft HoloLens technology and leveraging findings to design, develop, and evaluate data analytic techniques and machine learning for cybersecurity initiatives.