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GABRIEL TIMOTEI
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EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Bachelor of Science in Computer Science – GPA: 2.9　　　　　　　　**August 2015 - May 2019**

TECHNICAL SKILLS

Programming Proficiencies: Android Development (Java & Kotlin), iOS Development (Swift), Web Development (HTML/CSS & React), Python, Bash, C/C++, Databases, Reverse Engineering
Additional Skills: Native proficiency in English and Spanish, working proficiency in French

WORK EXPERIENCE

CAPITAL ONE | McLean, VA | August 2019 – Present
Associate Android Developer
- As part of the Login and Security team, I was tasked with helping update our mobile security to respond to the 2019 Cyber Incident, as well as spearheaded an initiative to improve documentation, clean up old code, and refactor our Android codebase to Kotlin.
- As part of the Mobile Parity team, I am working on bringing all of the features available on the Capital One website to our mobile applications to bring a better experience to all of our users.
- Within the scope of the Mobile Parity team, I am helping coordinate an initiative to analyze and standardize some of the procedures to be used by the entire Web/Mobile department.

UNC DEPARTMENT OF COMPUTER SCIENCE | Chapel Hill, NC | August 2018 – December 2018
Undergraduate Teaching Assistant
- Created teaching materials and homework assignments for over 300 students.
- Held office hours to assist students with the materials taught in the course, which encompassed all areas of Web Development.
- Oversaw the creation of the back end of a game engine for an assignment that students could leverage to learn to style and edit websites by connecting it to the engine events.

CREDIT SUISSE | Morrisville, NC | May 2018 – July 2018
Technology Development Program Intern - Risk and Finance IT
- Review and make edits to the design and functionality of a finance portal for our clients using web development tools and QlikSense.
- Build a Big Data migration tool using the Skool open source library.
- Work with other interns in the Risk and Finance department to analyze a set of data on process automation, make visualizations of the data, and identify possible improvements in our DevOps process automation systems.

ZEROPOINT DYNAMICS LLC | Chapel Hill, NC | September 2017 – May 2018
Software Engineering Intern
- Design and develop components related to a malware forensics platform and a framework for program disassembly.
- Create Go and Python scripts to analyze over 100,000 different malware samples and extrapolate data that will assist in product development.
- Make tools to identify and unpack a specific subset of malware, known as Packed Malware, and create data sets based on the results of these tools.

OPTUM – UNITED HEALTH GROUP | Raleigh, NC | May 2017 – August 2017
Technology Development Program Intern – Cyber Defense Investigations
- Worked as a security consultant for all intern projects and ensured that they were immediately able to be deployed with minimal security risk to the company.
- Created an interface for the Cyber Defense Team that over 10 of their tools and APIs into an easy-to-use website.
- Scouted the entire company's assets for potential security vulnerabilities and informed the team to perform preventive security actions on the assets.

LEADERSHIP/COMMUNITY INVOLVEMENT

CAROLINA FOR THE KIDS | Chapel Hill, NC | August 2015 – April 2019
Executive Board - Media Coordinator & Technology Chair
- As Media Coordinator (2018-2019), oversaw the work of the Technology, Creative Media, and Public Relations committees and shaped their objectives to meet the goals of the foundation.
- As Technology Chair (2017-2018), chaired a committee for the production of the 24 Hour Dance Marathon and built technology solutions for the organization, such as an official app for the participants of the Dance Marathon and a mobile bidding platform for their silent auction event.