

DANNY PHAM

Computer Science

CONTACT

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EDUCATION

B.S. COMPUTER SCIENCE

CALIFORNIA STATE UNIVERSITY,
SACRAMENTO

MINOR IN PHILOSOPHY

CERTIFICATIONS

CompTIA CySA+ June 2020

CompTIA Security+ April 2020

SKILLS

- Threat & Vulnerability Management
- Software & Systems Security
- Compliance & Assessment
- Security Operations & Monitoring
- Governance, Risk & Compliance
- Incident Response

PROGRAMMING LANGUAGES

Java, Swift, Python, SQL, HTML/CSS

TECHNOLOGIES

Xcode, Eclipse, Google Cloud Platform,
VirtualBox, VMware, MySQL, Microsoft 365,
Kali Linux, Wireshark

RELEVANT COURSEWORK

- Cryptography
- Computer Attacks & Countermeasures
- Forensics Principles & Practices
- Computer Network & Internet
- Computer Ethics

RESEARCH & PROJECT EXPERIENCE

CREATOR

Learn Cybersecurity | MAR 2020 – MAR 2021

- Created mobile app teaching the fundamentals of cybersecurity
- Provided access to recent cyber attacks from 15 news sources
- Obtained app downloads from 50 different countries
- Gained 1000+ installs after 73 days released into App Store
- Monitored with SEO tools for mobile and data analytics

FULL STACK iOS DEVELOPMENT

Senior Project | AUG 2018 – MAY 2019

- Management Information System designed for catering business
- Utilized camera, email, social networking, GPS usability features for iOS devices. CocoaPods for 3rd party libraries
- Designed user interface, managed database and communicated with client to understand business needs
- Implemented secure coding practices, input validation, error/exception handling, and bounds checking
- Developed using Xcode, Swift, and Google Cloud Platform

VULNERABILITY RESEARCH

BlueBorne | APR 2019 – MAY 2019

- Researched popular Bluetooth vulnerability that affected iOS, Android, Windows, and Linux systems
- Performed malware analysis to understand the buffer overflow attack forcing the device to malfunction
- Demonstrated vulnerability using Armis PoC exploit code in sandbox

JAVA PROGRAMMING

UFO World | JAN 2018 – MAY 2018

- Developed and tested mobile game application using Java
- Designed using Object Oriented Programming and Model View Controller architectural pattern
- Debugged and integrated program to support Android devices

WEB DESIGN

CSUS Scheduler | AUG 2017 – DEC 2017

- Appointment scheduling system designed under Agile
- Created user interface, developed front-end using HTML/CSS
- Collaborated with back-end to synchronize MySQL relational database management system