Alex Chong

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EDUCATION

University of Maryland Global Campus

Bachelor's of Science in Software Development & Security; GPA: 3.1   Jan 2016 - May 2020
Minor in Cybersecurity
Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Database Systems (Relational; NoSQL), Software Development Lifecycle, Application Security, Network Security

Saint Martin's University

Certificate of Computer Science; GPA: 4.0   Sep 2020 - Dec 2020
Relevant Coursework: Cloud Application Development (Microsoft Software and Systems Academy)

SKILLS

Languages:	C#, Java, Python, JavaScript, PHP, SQL, HTML5, CSS
Frameworks/Libraries:	NextJS (React), TailwindCSS, Bootstrap
Services/Tools:	AWS (EC2, S3, IAM, RDS, DynamoDB), Azure, Docker, Git

PROJECTS

alexchong.github.io: Static-generated blog/portfolio. *NextJS (React), NodeJS, Tailwind CSS*

Not Hotdog: Extract parsed description/confidence data from Computer Vision API, to determine if an image subject is a hotdog or not. *C#, .NET Core, Azure Cognitive Services*

Apprenticeship Bot: Time-based web scraper that reads URLs from dictionary, and sends email notifications for any open positions. *Python, AWS EC2*

Skeleton Auth: Authentication access control module using server input sanitization, and bcrypt salted password hashing. *PHP, MySQL, Bootstrap, OWASP ZAP*

EXPERIENCE

Saint Martin's University   Lacey, WA
Teaching Assistant   Jan 2021 - Present
● Tutored 30 students in C#, JavaScript, and software engineering topics in lecture and during office hours
● Implemented additional lessons based on student needs and instructor support for two full-credit courses

Washington Air National Guard   JBLM, WA
SOC Analyst   Aug 2020 - Present
● Engaged in 275 hours of technical training for scripting, intrusion detection, log management and analytics

United States Air Force   Multiple Locations
Generator & Aircraft Arresting System Technician   Jan 2015 - Aug 2020
● Coordinated $5.5M preventative maintenance program in collaboration with 24-person shop for 111 customers and Tier 4 data center; enabled 99.99% uptime in secondary power availability
● Recovered $1B fighter aircraft with joint-service first responder team; operated in collaborative environment with 12 colleagues to decelerate malfunctioning aircraft via airfield arresting systems
● Assisted 4 Airmen in early promotion award within two years of supervision, through targeted mentoring in professional development and hands-on technical training for each member

Appcues   Boston, MA
Web Developer, Intern   Jan 2014 - Apr 2014
● Facilitated 20 new SaaS customers through improving responsive design and user experience (UX) for company site *Handlebars, Sass, jQuery, Bootstrap*
● Participated in UI/UX team agile processes via kanban; submitted 2-3 commits for code review daily
● Updated product logo for production prior to $1.2M seed fund round; used Photoshop for design mock-ups