

## KEITH ALAN CRABB II

200 Marion Pugh Drive, Apartment 1214 | 713-569-4169 | lampsdad@tamu.edu

### EDUCATION/AWARDS:

#### Texas A&M University

College Station, TX

BA Computing (3.383 GPA)

Graduation Date: May 2025

- Concentration: Cybersecurity and Computer Science.
- Experienced with Red Hat Linux, GHIDRA, Wireshark, NMAP, and HPC environments.

#### Cybercorps Scholarship for Service Recipient, 05/22/2023 to Present

Scholarship

- Full merit-based scholarship funded by the NSF, along with the OPM and DHS, to recruit and train the next generation of US cyber professionals.
- Receiving professional funds and training to obtain cybersecurity certifications.

#### TAMU VICEROY Scholarship Recipient, 08/31/2023 to Present

Scholarship

- Scholarship dedicated to encouraging experiential learning and taking courses focused on cyber skill subjects defined by the NSA Center of Academic Excellence in Cyber Operations Program.

#### NSF INSuRE+E SCADA Security Project, 08/21/2023 to Present

Project

- Invited to participate in a special topics class covering SCADA Security
- Working with an NSA program manager on an NSF-funded project covering SCADA Security within an interconnected IT and OT system.

### FOREIGN LANGUAGE:

#### German (Basic Proficiency)

- Working to improve my foreign language skills and have started learning German through Duolingo.

### EXPERIENCE:

#### IT Audit Intern, 05/31/2023 to Present

USAA

- Performing Fieldwork and Testing for Access Management and Mainframe Security Audits through the completion of Design Effectiveness and Reliance Workpapers.
- Communicating with business partners when completing issue validation assignments, verifying through testing and observation of evidence that proper procedures are in place to mitigate the defined risks.
- Practicing navigation of a Mainframe environment, learning to pull datasets through full auditor read access permissions properly.
- Evaluating the effectiveness of RACF and Vanguard Security controls within the Mainframe system.

#### Bug Bounty Hunter, 08/2018 to Present

Remote Work

- Collaborated with several companies to test for vulnerabilities, write comprehensive reports, and work with their team to triage and retest the new security measures.

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- Demonstrated knowledge of a wide array of common web vulnerabilities
- Utilized burp suite and command line tools for response manipulation and target reconnaissance.

### **Student Affairs Fee Advisory Board, 02/2022 to 10/2022**

**Board Member**

- Collaborated with a team of seven other board members to create a budget recommendation for the vice president of student affairs.
- Served as a liaison to the heads of the disability resources and music activities departments.
- Passed two requests for funding to the board, which were unanimously approved and ranked high in priority among 26 total requests made. I was allocated a total of \$184,000 for my represented departments out of the \$750,000 available in the year's budget.

### **NASA Collaborative Scientist, 06/2022 to 10/2022**

**Training**

- Registered with the NASA Ames Research Center as a science collaborator and became certified to use the Pleiades computing cluster and other specialized compilers.
- Completed NVIDIA training on parallel computing and machine learning with GPUs alongside NASA researchers.

### **TAMU NSA Cyber Exercise Team**

**Member**

- Top scorer for my team in challenges covering the fields of Reverse Engineering, Data Analysis, and Digital Forensics.
- Learning directly from NSA Subject Masters in Unclassified Tech Talks covering the fields of tamper-resistant technologies, Cyber Policy, and Digital Forensics
- Advanced my knowledge of Wireshark when recompiling a BitTorrent packet capture and advanced my knowledge of GHIDRA and cryptography when reversing a GO ransomware binary combined with ARM64 processor architecture.

### **LEADERSHIP:**

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#### **Boy Scouts of America – 12-year member (2008-2020); Appx 2 hours/week**

- Achieved the rank of Eagle Scout, Inducted into the Order of the Arrow.
- Completed National Youth Leadership Training and served in leadership positions within the troop.

#### **Texas Wildlife Rehabilitation Coalition—90 hours; July 2020-Oct 2020**

- Led a team of 11 volunteers to build variously sized bird habitats during the pandemic. To comply with social distancing, I had to develop new methods for group organization.

### **TRAVEL:**

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Countries Visited:

UK (Scotland/England) | Belize | Honduras | Mexico | Grand Cayman Islands | Jamaica