

JACOB HOPKINS

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EDUCATION

Texas A&M University - Corpus Christi Geospatial Computer Science, Ph.D.	<i>August 2022 - Ongoing</i>
Texas A&M University - Corpus Christi Computer Science, M.S.	<i>January 2020 - August 2022</i> Graduated GPA: 4.0
Texas A&M University - Corpus Christi Computer Science, B.S. Mathematics Minor	<i>August 2017 - December 2019</i> Graduated GPA: 3.92
Del Mar College Computer Programming, A.S. Mathematics, A.S.	<i>July 2015 - May 2017</i> Graduated GPA: 3.82

PUBLICATIONS

- J. Hopkins and C. Rubio-Medrano, "SecureCheck: User-Centric and Geolocation-Aware Access Mediation Contracts for Sharing Private Data," Proceedings of the 29th ACM Symposium on Access Control Models and Technologies.
- J. Hopkins, F. Joy, A. Sheta, H. Turabieh, and D. Kar, "Path planning for indoor uav using a* and late acceptance hill climbing algorithms utilizing probabilistic roadmap," International Journal of Engineering & Technology, vol. 9, no. 4, 2020.

RESEARCH EXPERIENCE

Graduate Research Assistant <i>Texas A&M University - Corpus Christi, CSRIL Lab</i>	June 2022 to Present <i>Advisor: Dr. Carlos Rubio Medrano</i>
Graduate Research Assistant <i>TAMUCC Research Experience for Undergraduates</i>	June 2021 to August 2021 <i>Advisor: Dr. Dulal Kar</i>
Undergraduate Researcher <i>TAMUCC Research Experience for Undergraduates</i>	June 2019 to August 2019 <i>Advisor: Dr. Alaa Sheta</i>

TEACHING EXPERIENCE

Instructor of Record (20 Students) <i>Texas A&M University - Corpus Christi</i>	COSC 3474 - Cyber Defense 1 <i>Fall 2023</i>
Instructor of Record (10 Students) <i>Texas A&M University - Corpus Christi</i>	COSC 4367 - Firewalls and Intrusion Detection Systems <i>Fall 2022</i>
Instructor of Record (11 Students) <i>Texas A&M University - Corpus Christi</i>	COSC 2360 - Cybersecurity <i>Fall 2021</i>
Graduate Teaching Assistant <i>Texas A&M University - Corpus Christi</i>	COSC 2465, COSC 2466 <i>Jan 2020 - May 2022</i>

TALKS & PRESENTATIONS

SecureCheck <i>29th ACM Symposium on Access Control Models and Technologies</i>	Oral Presentation <i>May 2024</i>
VaxCheck: Privacy-By-Design Vaccine Certificate Passport <i>Health Sciences and Technology Research Symposium, TAMUCC</i>	Poster Presentation <i>Oct 2023</i>
VaxCheck: Security-By-Design Vaccine Certificate Passport <i>18th Pathways Student Research Symposium, TAMUG</i>	Oral Presentation <i>Mar 2023</i>
Towards User-Controlled Digital Vaccine Certificates <i>Spring Student Research Symposium, TAMUCC</i>	Poster Presentation <i>April, 2022</i>

HONORS & AWARDS

1st Place Winner in Computer Science Oral Presentation 18th Annual Pathways Student Research Symposium	<i>March 2023</i>
SAGE Fellowship Award Texas A&M University - Corpus Christi	<i>August 2022</i> \$7000/year
Summa Cum Laude Texas A&M University - Corpus Christi	<i>December 2019</i>
Best Senior Capstone Project Texas A&M University - Corpus Christi	<i>December 2019</i>
Best Senior Capstone Presentation Texas A&M University - Corpus Christi	<i>December 2019</i>
Carl Douglas Wyatt Memorial Scholarship Texas A&M University - Corpus Christi	<i>August 2019</i> \$500/year
NSF STEM (SUCCESS) Scholarship Texas A&M University - Corpus Christi	<i>August 2018</i> \$7000/year
Rising Scholar Scholarship Texas A&M University - Corpus Christi	<i>August 2018</i> \$500/year
Magna Cum Laude Del Mar College	<i>May 2017</i>

WORK EXPERIENCE

Office of Information Security, TAMUCC <i>Information Security Intern</i>	June 2018 to January 2020
Kaffie Middle School, CCISD <i>Avid Mentor</i>	November 2015 to May 2020