

Taha SHAIKH

CONTACT INFORMATION

EMAIL: taha19@vt.edu
WEBSITE: t-aha.github.io
PHONE: +1 804 528 9318

EDUCATION

MAY 2023 Bachelor's of Science Degree in COMPUTER ENGINEERING & MATHEMATICS
Calhoun Scholar & Honors graduating in 2023, **Virginia Tech**, Blacksburg
Full merit scholarship, emphasis on transdisciplinary learning

JUNE 2019 Dual Enrollment Courses at **Virginia Commonwealth University**
Completed 7 dual-enrollment courses for college credit, including
Multivariable Calculus, Linear Algebra and Mathematical Reasoning

WORK EXPERIENCE

SEP 2020 - PRESENT	Undergraduate Research Intern at MITRE Collaborated with MITRE and the Hume Center at Virginia Tech to design maritime remote sensing and machine learning applications for Naval and Central Intelligence.
MAY 2020 - AUG 2020	Data Engineer at ITHENA, Innsbrook Analyzed thermal camera data to prevent the spread of COVID-19 in an office setting and created visualizations for contact tracing. Developed communication protocols for IoT devices using MQTT.
JUL 2015 - SEP 2019	Data Analyst and App Developer at INNSBROOK FOUNDATION, Glen Allen Designed and created " <i>Innsbrook Events</i> " App for Innsbrook Foundation enabling the foundation to connect to more than 200,000 members of the community. Analyzed data regarding concert attendance to assist the foundation using statistical models.
JUN 2018 - AUG 2018	Summer Intern at YAYASAN MENDAKI, Singapore Attended paid internship at Mendaki, a non-profit organization whose mission is to empower the bottom 30% of Singapore through quality education. Provided statistical analyses and mathematical models to best allocate school resources and funds.

References available upon request.

COMPUTER SKILLS

Basic Knowledge: C++, MatLab, Java, HTML, JQuery, Swift, ~~W~~TEX
Advanced Knowledge: Wolfram Mathematica, Python, LMMS, Microsoft Excel

SCHOLARSHIPS AND AWARDS

AUG 2019 Calhoun Discovery Program Scholarship (full tuition + \$10,000 learning grant)
MAY 2019 National Piano Guild Advanced Bach Award (of 16 nationally)
APR 2019 Exhibition in International Bridges Math-Art Conference
MAR 2019 International Finalist in COMAP Mathematical Contest in Modeling

INTERESTS AND ACTIVITIES

Programming, Cryptoeconomics, Machine Learning, Algorithmic Trading
[Audio Production](#), Piano Performance, Hiking, Bhangra