**SHIPPING ADDRESS** Gregory Hubbard   Virginia -  US

**Eastern Virginia Medical School**

EVMS Start Date

Aug 1

End date

|  |
| --- |
| 5/11/2023 |

Your 16-digit ORCID identifier is **0000-0001-5902-1015**

**Registrar Office:**

[registrar@evms.edu](mailto:registrar@evms.edu)

612G Fairfax Ave 23507 Norfolk

https://catalog.evms.edu/content.php?catoid=4&navoid=428

**Classes**

EVMS Classes (Doctor of Medicine Curriculum):

**Semester 1:**

MED102: Human Structure: 8/8/2022 - 12/9/2022: 10 credits: “anatomy protection and dissection” : PASS

MED100: Foundational Science: 8/8/2022 - 12/9/20229: 9 credits: “biochemistry and immunology” : PASS

**Semester 2:**

MED103: General Mechanisms of Disease : 1/3/2023 to 5/11/2023 : currently enrolled

MED104: Skin Muscle and Bone : 1/3/2023 to 5/11/2023 : currently enrolled

MED105: Gastro. Sys & Metabolism: 1/3/2023 to 5/11/2023 : currently enrolled

MED107: Community Engaged Learning I : 1/3/2023 to 5/11/2023 : currently enrolled

**Highlighted Undergrad Coursework:**

Cumulative GPA: 3.87

Major GPA: 4.0

**CS:**

CS471: Operating Systems

CS462: Cybersecurity Fundamentals

CS463: Cryptology

CS417: Computational Methods - Applied Numerical Methods I

CS390: Theoretical Computer Science

CS381: Discrete Structures

CS361: Data Structures / Algorithms

CS334: Computer Architecture

CS330: Object Oriented Programming

ECE201: Circuit Analysis

**Math:**

MATH312: Calculus III

MATH307: Ordinary Differential Equations

MATH 316: Linear Algebra

STAT 330: Statistics

**Chemistry:**

CHEM441: Biochemistry

CHEM213: Organic Chemistry II

CHEM214:Organic Chemistry II Lab

CHEM211: Organic Chemistry I

CHEM212:Organic Chemistry I Lab

CHEM321: Analytical Chemistry

CHEM322: Analytical Chemistry Lab

MATH 408 / CS417: Computational Methods - Applied Numerical Methods I

**Research Interest Keywords:**

Machine learning, neurology AI, computer vision, CNN, medical imaging, translational research, epilepsy, epileptogenesis, neuroimaging,

dermatology, surgery, immunology, endocrinology, diabetes, beta cell, metabolic disorders, hormone disorders,

thyroid, pituitary, adrenal disease, osteoporosis, elevated cholesterol, and neuroendocrine tumors

**Research Past Descriptions:**

**EVMS Department of Neurology and Medical Imaging (current)**

*Advisor: Alberto Musto, MD, PhD*

**Study:** Dynamic model of epileptogenic frequencies and dendritic spine density

Techniques: machine learning, neural imaging, wave form analysis

**ODU Vision Lab (2020-2021)**

*Advisor: Khan Iftekharuddin, PhD*

**Study:** Two-Stage Transfer Learning for Facial Expression Classification in Children with Autism Spectrum Disorder

Poster presentation: ODU Undergraduate Research Symposium 2022

**Virginia Space Grant Consortium Research Fellowship (2019-2020)**

Advisor: *Jan Dotzauer , Program Specialist Virginia Space Grant Consortium*

Study: Carbon Dioxide And Particulate Matter Concentration on Hampton Roads Air Quality

Selected as a Virginia Space Grant Consortium (VSGC) Undergraduate Research fellow for 2019 - 2020. Research proposal was funded and supported by faculty from the five Virginia Space Grant universities.

Final paper was submitted to VSGC’s technical repository and published by ODU’s Undergraduate Research Journal in January 2021. Accepted to attend the 2020 Virginia Space Grant Research Conference for presentation but canceled due to concerns related to COVID. Specific research consisted of a report of local industrial air quality and related coastal implication.

**Summer REU: UM Department of Computational Neuroscience (2019)**

*Advisor: Odelia Schwartz, PhD*

**Study:** Deep neural networks and modeling of cortical visual processing

·      Poster presentation: UM REU Summer Research Ceremony 2019

Summer undergraduate research assistant following the study of two different broad approaches for the understanding of cortical visual processing. Involved the analysis of deep neural networks in comparison to known aspects of the visual system. The direct application of this research functions to improve existing computer vision technology through biological mimicry as well as garner a greater understanding of biological visual processing as a whole. Worked in part of a multi-disciplinary research team combining fields of medicine with computer science and engineering.

Individual research was presented at the University of Miami Medical School Campus in coordination with the REU program

**NASA Kennedy Space Center,** *Software Engineering Intern*, Merritt Island, FL

Advisor: Jill Giles, System Software Engineer

Study: Realistic Data Generation And Publication For Launch Control Systems

Developed functional tests for Class A, human-rated, safety critical telemetry and command processors in a launch control system, participating in the full software development lifecycle with full-time engineers and following agile development processes. Participated in various outreach activities, assisting with STEM activities for pre-college students and team building events

Wrote a final report for NASA’s Scientific and Technical Information (STI) repository.

STI approval and paper on personal site: <http://ghubb.com>

**Cover Letter Resources**

Resources:

<https://www.training.nih.gov/assets/Writing_a_Cover_Letter.pdf>

<https://blogs.deakin.edu.au/deakintalent-resources/wp-content/uploads/sites/303/2019/01/Cover-Letter-Guide-Medicine_v3.pdf>

Sample for PhD

<https://grad.msu.edu/phdcareers/sample-cover-letter>

MIT

<https://cdn.uconnectlabs.com/wp-content/uploads/sites/123/2021/06/sample-cover-letters-3.pdf>

Harvard

<https://pdco.med.jhmi.edu/online-library/dl/phd_resume_cover_letters.pdf>