

Dillon Vasile Nicolae Dragomir

(330) 575-0709

1931 Union Ave SE Minerva, Ohio 44657

dragomdv@mail.uc.edu

Education

University of Cincinnati, Cincinnati, Ohio

May 2020

- Bachelor of Science, Computer Engineering
- NTU Study Abroad

GPA 3.92

GPA N.A.

Experience

Siemens PLM Software, Product Engineering Software

Jan 2017-Current

- Increased productivity by automating performance testing (full-time)
- Experience with version control and large C++ code bases
- AWS trained: created full-stack micro-services using dynamoDB, lambdas and api-gateway
- Utilized ELK stack for data analysis and created dev-ops architecture for deploying apps

Center For Intelligent Maintenance Systems, Researcher

Sep 2015-Current

- Part-time, 10-15 hours per week paid research position
- Developed the fundamentals of implementing neural networks, logistic regression, multivariate linear regression and their optimization algorithms in MATLAB and Python
- Evaluated learning algorithm's accuracy comparing error, truth tables and ROC curves on cross validation and test set data sets

Engineering Teaching Assistant & MATLAB Tutor

Aug 2016-May 2017

- Assisted teaching hands on engineering fundamentals and tutored programming (part-time)

Technical Skills

- WebDev, DevOps, Microservices, AWS, GIT, Data Science
- MATLAB, C++, Python, HTML, CSS, jQuery, Node, Bootstraps, Verilog

Activities

Membership

- Engineering Tribunal (Aug 2016–Dec 2016)

National Youth Science Camp Delegate

July 2015-June 2015

- Chosen Ohio delegate to attend an expense paid residential science program
- Learned hands-on research from leading faculty from schools such as MIT and worked with robotics, quantum mechanics and app development

Massachusetts Institute of Technology InvenTeam

Sep 2014-May 2015

- Managed engineering team in project development and received Excite award for aquatic robotic trash collector grant proposal
- Used Solid works to create basic prototype of device

Volunteer

Clean Up Cincy, Crew Leader

Aug 2015-Aug 2016

- Lead group of UC students in cleaning up local neighborhoods

Bear Cat Coders, Tutor

Sep 2015-May 2015

- Tutored local students in HTML and CSS in basic website development

Awards

- Cincinnati Scholar
- University of Cincinnati Honors Student
- Gilman International Scholarship Program

Availability

- Available for internship or coop Fall 2017