

ARTIOM CIUMAC

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Education:

Currently enrolled as a non-matriculated student at University of Washington with intention to pursue Masters degree.

University Of Washington, Seattle

GPA: 3.2

Major: B.S in Applied Physics

Graduation date: August 2016

Minor: Applied Mathematics and Mathematics

Related Course Work:

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|---|-------|--|-------|
| ❖ AA 260 Thermodynamics | (3.4) | ❖ CSE 373 Data Structures and Algorithms | (3.3) |
| ❖ AA 310 Orbital Mechanics | (3.6) | ❖ CSE 143 Computer Programing II | (3.2) |
| ❖ AA 312 Structural Vibrations | (3.4) | ❖ MSE 170 Material Science | (3.6) |
| ❖ EE 233 Circuit Theory | (3.4) | ❖ PHYS 427 Applications of Physics | (4.0) |
| ❖ EE 235 Continuous Time Linear Systems | (3.4) | ❖ PHYS 431 Modern Phys. Lab | (3.6) |
| ❖ EE 361 Applied Electromagnetics | (3.3) | ❖ PHYS 433 Modern Phys. Lab | (4.0) |
| ❖ EE 467 Antennas | (4.0) | ❖ PHYS 334 Electric Circuits Lab I | (3.3) |
| ❖ MATH 324 Adv. Multivariable Calculus | (3.2) | ❖ PHYS 335 Electric Circuits Lab II | (3.2) |
| ❖ MATH 309 Linear Analysis | (3.8) | ❖ PHYS 331 Optics Laboratory | (3.8) |

Online Courses (Coursera):

- ❖ Algorithms, Part I/II by Robert Sedgewick (Princeton University)
- ❖ R Programming by Roger Peng (John Hopkins University)
- ❖ Introduction to Programming with MATLAB by Mike Fitzpatrick (Vanderbilt University)
- ❖ An Introduction to Programming the Internet of Things (IOT) Specialty (University of California, Irvine)

Technology Skills:

- ❖ *Operating Systems:* Linux, Windows
- ❖ *Computer Languages:* Java, Python, C MATLAB, R
- ❖ *Cisco Network Certifications:* CCNA, CCNA Security

Work/Research Experience:

Undergraduate Teaching Assistant in Physics Department at UW

(January 2016 – now)

Currently serving as instructor at University of Washington, homework and exam grader for several tutorial and lab sections in 12X Physics series.

Mathnasium of Bellevue, WA

(January 2015 - now)

Working with students of various levels, from elementary school and up to college freshmen on improving their math skills.

Research Assistant with Physics Education Group at UW

(June 2016 – Sep 2016)

Responsible for analysis of large pre-test data sets (online evaluation tests that assess a given student's understanding of a physics concept) from algebra-based and calculus based introductory physics series. The main focus of the project was to identify the differences between students in algebra-based and calculus-based physics sequences.

Volunteer Experience/Other Activities:

- ❖ Science Mentoring at Garfield High School
- ❖ University Of Washington Disability Resources
- ❖ Officer, University of Washington Judo Club
- ❖ Bellevue High School Water Polo Coach Assistant

Language Skills:

- ❖ Fluent in Russian & English.
- ❖ Advanced knowledge of Spanish and Romanian