

ARTIOM CIUMAC

15626 NE 91st Wy, Unit B503
Redmond, WA 98052

E-mail: artemych@uw.edu

GitHub Link: <https://github.com/truedoomboom>

Education:

University Of Washington, Seattle
Major: B.S in Applied Physics
Minor: Applied Mathematics and Mathematics

GPA: 3.2
Graduation date: August 2016

Related Course Work:

❖ 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