

ARIEL ORDONEZ

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EDUCATION

UNIVERSITY AT BUFFALO, State University of New York

Amherst, NY

Bachelors of Arts: Mathematics Minor: Computer Science

June 2018

Relevant Course Work: Intro to Computer Science, Discrete Structures, Digital Systems, Data Structures, Real Time Embedded Systems, Programming Languages, Data-Oriented Computation, Numerical Analysis, and Probability.

PROFESSIONAL EXPERIENCE

UNITED NATIONS (Contractor)

Amherst, NY

Field Support Analyst

June 2018 - Present

- Educate users on current technologies including in-house and Microsoft software.
- Troubleshoot technical issues, or identify source of problem and escalate to proper channels.
- Effectively and efficiently manage a ticket queue that supports over 10,000 users.

ROSWELL PARK CANCER INSTITUTE

Buffalo, NY

Research Intern in the department of Surgical Simulation

June 2017 - October 2017

- Designed a simple user interface for a virtual measuring tool using the Visualization Toolkit.
- Analyzed research papers on electromagnetic tracking and liver malleability to enhance current Surgical Simulation tools.
- Responsible for communicating scientific research and findings to a lay audience.

CSTEP RESEARCH INTERNSHIP (University at Buffalo)

Amherst, NY

Research Intern

September 2016 - December 2016

- Developed a mobile application using sensors and API's that assists users to find points of interest.
- Shifted developmental focus in order to meet deadlines.

SUNY RESEARCH FOUNDATION (SUNY Polytechnic Institute)

Utica, NY

Research Intern

June 2015 - September 2015

- Assisted in documenting a discrete exterior calculus package made for the Python programming language.
- Solved sample partial differential equations formulated via Discrete Exterior Calculus and Finite Element method.

WORK EXPERIENCE

- Team Member: **Target** July 2016 – June 2018
- Office Assistant: **UB Career Service Center** August 2014 – June 2018
- Store Operations: **T-Mobile** May 2014 - August 2014
- Academic Tutor: **Council of Aid for Central Asian Jews** September 2013 - June 2014
- Crew Trainer - Swing Manager: **McDonald's** February 2012 – August 2013

LEADERSHIP & ACTIVITIES

- Successfully completed training for a leadership organization called T.E.A.M. Baruch and Peers for Careers.
- Placed first at an M&T sponsored Minecraft Buildathon. Challenged teams to build part of the UB campus within 12 hours. The winner's creations will be used to host convenient virtual tours.
- Member of CSTEP (Collegiate Science and Technology Entry Program) and LSAMP (Louis Stokes Alliances for Minority Participation) Programs.
- C.I.T.Y Project, a Cooperative Extension of Cornell University: Received a Certificate of Achievement acknowledging outstanding achievement in the areas of leadership, youth development, and peer education.
- as a CSTEP ambassador in recognition of volunteerism and contributions to the CSTEP community.

SKILLS & LANGUAGES

- Technical Skills: HTML, CSS, JavaScript, Python, C, C++, SQL, Java, and Microsoft Office.
- Languages: Fluent in Spanish.