

MIGUEL LORENZO M. AVILES

(703) 501-1932 - MAVILES@UMD.EDU

MIGUELLORENZO.NET | LINKEDIN.COM/IN/MLAVILES | GITHUB.COM/INTHERENZONE

EDUCATION

B.S., Computer Science

University of Maryland, College Park

Minor in General Business

Jan 2014 – May 2018

- Recipient of Maryland Delegate and Senatorial Scholarships
- VR Club
- Bitcamp 2017

Associate of Science

Anne Arundel Community College

Aug 2012 – Dec 2013

- Recipient of Maryland Delegate and Senatorial Scholarships
- Dean's List

COMPUTER SKILLS

Platforms: Windows, Unix, Linux

Languages: Java, Python, C, Assembly, JavaScript, CSS, HTML, Ruby, OCaml, Prolog

Software: Eclipse, Android Studio, Microsoft Office Suite, WordPress, Adobe Acrobat Pro and Photoshop, MATLAB

Development: Agile Scrum, Git, Django, Android

RELEVANT COURSEWORK

- Algorithms, Data Structures, Artificial Intelligence, Programming Handheld Systems, Digital Logic Design, Introduction to Computer Systems, Linear Algebra, Computer Organization, Object Oriented Programming, Signal and System Theory, Discrete Structures
- Marketing, Management

EXPERIENCE

Corporate Technical Intern

Feb 2017 – Present

Paradyne Management

- Help build the Product Backlog and define User Stories for the development of a resume parser and data modeling application via the Agile Scrum methodology.
- Promoted to one of three Scrum Masters tasked with managing 38 interns by recording Daily Scrums and conducting Sprint Planning, Sprint Reviews, and Sprint Retrospectives in order to help oversee development of the resume parser and data modeling application.
- Investigate Python, Django Web framework, Git version control, and relational database design concepts such as primary/foreign keys and cardinality/data-modeling.
- Designed and implemented a new database in order to automate current file system.

Canvass Representative

Oct 2012 – Oct 2014

Thompson Creek Window Company

- Collaborated with a diverse sales team.
- Canvassed neighborhoods to identify structural weaknesses.
- Set in-home customer appointments with homeowners in order to promote Thompson Creek products.

Crew Member

Oct 2010 – Oct 2012

Checkers Drive-In

- Performed food tasks in all stations of the restaurant.
- Provided excellent customer service and mastered Point-of-Sale system.
- Promoted to "blue shirt" and delegated tasks to the crew and assisted managers.

Intern

Jul 2010 – Aug 2011

GEMS hosted by Walter Reed Army Institute of Research

- Researched a wide range of interdisciplinary topics, including programming actions for a video game character, via in-depth, hands-on, and inquiry-based teaching modules.