

MIGUEL LORENZO M. AVILES

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EDUCATION

B.S., Computer Science

University of Maryland, College Park

Minor in General Business

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

Jan 2014 – May 2018

Associate of Science

Anne Arundel Community College

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

Aug 2012 – Dec 2013

COMPUTER SKILLS

Platforms: Windows, Unix, Linux

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

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

Additional: Agile Development, Git

RELEVANT COURSEWORK

- Algorithms, Data Structures, 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

- Construct solutions to priority technical related project tasks such as application development, design and implementation, development of knowledge management and analysis of large data sets to advance business capability and expand knowledge base.
- Investigate Python, Django Web framework, Git version control, and relational database design concepts such as primary/foreign keys and cardinality/data-modeling.
- Design and implement a new database for the company to migrate to and replace the manual-intensive Google Drive 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 via in-depth, hands-on, and inquiry-based teaching modules.