Gabriel Ochoa

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Education

Binghamton University, State University of New York BINGHAMTON, NEW YORK

    B.S. Computer Science *Sept 2012 - May 2016*

Skills & Interests

Programming languages: C++, Java, Python, C, C#, Bash, Perl
Technical Knowledge: Unity, OpenGL, Accumulo, MongoDB, GTest, LeapMotion, Git, LaTeX
Human Languages: English (Native), Korean(Elem.), Spanish(Elem.), Mandarin Chinese (Beginner)

Professional Experience

Bloomberg LP NEW YORK, NEW YORK

    Software Engineer - Network Automation *June 2016 - Present*

- Designed Systems to automate management and provisioning of network devices
- Skills: Python, Jenkins, Git, Bash, Perl

    BVault Software Engineering Intern *Summer 2015*

- Designed, Tested and Implemented API for an Accumulo DataBase
- Used to process/query over a billion cloud stored xml files
- Skills: Accumulo, Hadoop, Java/C++/Python, GTest, Git

Binghamton University VESTAL, NY

    Course Assistant CS140 - Programming with Objects *Fall 2013 & Spr 2014*

- Assited students with lab projects and assignments.
- Skills - Java, Git, Eclipse

Projects (ordered chronologically)

Cosmos

    An electronic platform for trading fake commodities contracts
    C++, POSIX Sockets, GTest, Travis CI, Markdown.

Deceit - Best FOSS Hack *BrickHack Spr16*

    Webapp Card Game based on Dixit (the board game)
    Python, Flask, and Reddit API.

Cinemini - Hippest Hack Winner *HackBU Spr15*

    Edits a film down to 5 minutes using the plot and subtitles
    Python, MoviePy, and Wikipedia API.

FriendWagon - Best Use of AWS Winner *BrickHack Spr. 2015*

    "Uber for Road Trips"
    NodeJS, Spotify and Twilio API. Hosted on AWS.

VR Checkers *CS460: Graphics Programming*

    Created a 3D version of checkers to run while using Oculus Rift Headset
    C++, OpenGL, Oculus Rift

Activities

Association of Computing Machinery (ACM)	*2012 - Present*
Computers Robotics and Engineering Special Interest Housing (CoRE):	*2014 - Present*
Binghamton ACM Projects Division: **President and Lead Project Manager**	*2012-2016*