

Gabriel Ochoa

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EDUCATION

Binghamton University , Watson School of Engineering and Applied Science <i>Bachelor of Science in Computer Science and Mathematics, expected May 2016</i>	Binghamton, NY
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RELEVANT COURSES

Adv. Object Oriented Prog. (C++) - Fall 2015	Operating Systems (C/C++)
Graphics Programming (C++)	Automata and Formal Language
Database Systems (SQL, PL/SQL, Java)	Visual Information Processing (C++)
Analysis and Design of Algorithms (Java)	Data Structures and Algorithms (C++)
Programming with Objects (Java)	Computer Systems I and II (C / x86 ASM)

EXPERIENCE

BLOOMBERG: Research & Development , <i>BVault Software Engineering Intern</i> Researched various database solutions for data ingestion purposes Designed, Tested and Implemented developer facing API Accumulo, Hadoop, Java/C++/Python	New York, NY 5/2015 – Present
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EASTERN ACCOUNT SYSTEMS , <i>Customer Service Representative</i> Handled inbound calls for pre-collections Comcast customers. Heavy database and data entry, along with conflict resolution.	Brookfield, CT 7/2014 – 8/2014
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BINGHAMTON UNIVERSITY , <i>Course Assistant CS140</i> Assisted students with lab projects and assignments. Held office hours once a week and wrote labs. Java / Git	Binghamton, NY 8/2013 – 6/2014
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PROJECTS

Women in Business Android App, *Project Lead*
Created an android app with a team of four for Binghamton University's WIB club.
Java/XML and web parsing api JSoup.

CineMini, *HackBU Spring 2015: Hippest Hack Winner - <https://github.com/gabeochoa/cinemini>*
Worked in a group of two to create "Cliffnotes for Movies".
Edits a full length film down to 5 minutes using analysis of the plot and subtitles
Python, MoviePy, and Wikipedia API.

FriendWagon, *BrickHack Spr. 2015: Best Use of AWS Winner - <https://github.com/alanplotko/RoadTrip>*
Worked in a group of four to create an "Uber for Road Trips".
NodeJS, Spotify and Twilio API. Hosted on AWS.

Hands Dance, *PennApps 2014: <http://pinkpony.github.io/HandsDance/>*
Worked in a group of four to create a music rhythm game for the spring 2014 PennApps.
LeapMotion Controller and Java AWT/Swing.

KPDownloader, *Personal Project: <https://github.com/gabeochoa/KPD>*
Created a program to download pictures, GIFs and webm files from Reddit.
Python, Imgur, Gfycat and Reddit APIs

ACTIVITIES

Computers Robotics and Engineering Special Interest Housing (CoRE) President	2014 – Present
Society of Hispanic Professional Engineers (SHPE)	2012 – Present
ACM Projects Division (Formerly CSRA) President and Lead Project Manager	2012 – Present
Association of Computing Machinery (ACM)	2012 – Present
Dickinson Town Council and Dickinson Judicial Committee	2012 – Present