

# Gabriel Ochoa

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## EDUCATION

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**Binghamton University**, Watson School of Engineering and Applied Science  
*Bachelor of Science in Computer Science and Mathematics, expected May 2016*

Binghamton, NY

## RELEVANT COURSES

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Robotics and Microcontrollers (C) - Current	Operating Systems (C)
Graphics Programming (C++)	Automata and Formal Language
Databases (SQL, PL/SQL, Java)	Visual Information Processing (C++)
Analysis and Design of Algorithms (Java)	Data Structures and Algorithms (C++11)
Programming with Objects (Java)	Computer Systems I and II (C / x86 ASM)

## EXPERIENCE

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**BLOOMBERG: Research & Development**, *Software Engineering Intern*  
Foundational Applications Team. Ut malesuada accumsan diam.  
Aenean in ante porta, blandit elit eu, mollis elit. Pellentesque ullamcorper cursus massa.  
Praesent quis massa dignissim, aliquet dolor sed, sollicitudin nisi.

New York, NY  
5/2015 – 8/2015

**EASTERN ACCOUNT SYSTEMS**, *Customer Service Representative*  
Handled inbound calls for pre-collections Comcast customers.  
Heavy database and data entry, along with conflict resolution.

Brookfield, CT  
7/2014 – 8/2014

**BINGHAMTON UNIVERSITY**, *Course Assistant CS140*  
Assisted students with lab projects and assignments.  
Held office hours once a week and wrote labs.  
The class and all assignments/labs were in Java and used Git for Version Control.

Binghamton, NY  
8/2013 – 6/2014

## PROJECTS

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**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 Spring 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, Gyfcat and Reddit APIs

## ACTIVITIES

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