

# 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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5/2015 – 8/2015 **BLOOMBERG: R&D**, *Software Engineering Intern* New York, NY

7/2014 – 8/2014 **EASTERN ACCOUNT SYSTEMS**, *Customer Service Representative* Brookfield, CT  
Handled inbound calls for pre-collections Comcast customers.  
Heavy database and data entry, along with conflict resolution.

8/2013 – 6/2014 **BINGHAMTON UNIVERSITY**, *Course Assistant CS140* Binghamton, NY  
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.

## 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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2014 – Present Computers Robotics and Engineering Special Interest Housing (CoRE) **President**

2012 – 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