Gabriel Ochoa

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EDUCATION

Binghamton University, Watson School of Engineering and Applied Science   Binghamton, NY
Bachelor of Science in Computer Science and Mathematics, expected May 2016
Relevant Courses:

- Operating Systems (C) - Current
- Graphics Programming (C++) - Current
- Automata and Formal Language - Current
- 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

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

8/2013 – 6/2014   **WOMEN IN BUSINESS ANDROID APP,** *Project Lead*   Binghamton, NY
Created an android app with a team of four for Binghamton University's WIB club.
- Java/XML and web parsing api JSoup.

March 2015*   **CineMini,** *HackBU Spring 2015: https://github.com/gabeochoa/cinemini*   Binghamton, NY
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.

April 2014*   **guIDE,** *Bitcamp Spring 2014: http://challengepost.com/software/guide--2*   College Park, MD
Worked in a group of four to create a hack for the spring 2014 Bitcamp Hackathon.
All-in-one IDE where documentation and music are available with just few clicks.
- Java, JxBrowser, NodeJS and rdio api.

February 2014*   **HANDS DANCE,** *PennApps 2014: http://pinkpony.github.io/HandsDance/*   Philadelphia, NY
Worked in a group of four to create a music rhythm game for the spring 2014 PennApps.
- LeapMotion Controller and Java AWT/Swing.

*Hackathon Project (48-36 Hours)

ACTIVITIES

2014 – Present   **COMPUTERS, ROBOTICS AND ENGINEERING SPECIAL HOUSING GROUP (CoRE)**

2012 – Present   **SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS (SHPE)**
2012 – Present   **ACM PROJECTS DIVISION (Formerly CSRA)**
2012 – Present   **ASSOCIATION FOR COMPUTING MACHINERY (ACM)**
2012 – Present   **DICKINSON TOWN COUNCIL** and **DICKINSON JUDICIAL COMMITTEE**

LinkedIn: https://www.linkedin.com/in/gabemochoa
GitHub: http://github.com/gabeochoa