

Rodolfo Ballesteros

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EDUCATION

University of Illinois at Urbana-Champaign

May 2016

Bachelor of Science in Computer Science and Statistics

EXPERIENCE

Allstate

Chicago, IL

Software Engineer in Research and Development

June 2016 - Present

- Turning innovative ideas into proof of concepts using different languages and platforms
- Currently developing a web-based application with React employing decentralized storage and encryption of data
- Created an iOS App that automated the extraction and analyzation of user data from many different accounts locally on device
- Implemented a vehicle roadside emergency detection algorithm in an Android App with machine learning capabilities utilizing data from multiple sensors and map data (Patent Pending)
- Worked on the backend of a production iOS application using Java, Spring Framework, AWS, and MySQL

Capital One

Champaign, IL

Software Engineer Intern

February 2016 - May 2016

- Developed an internal Android application used for company-wide communication
- Android app was implemented using clean architecture and followed Material Design guidelines

Allstate

Northbrook, IL

Software Engineer Intern in Research and Development

May 2015 - August 2015

- Implemented an Android and C++ application to 3D map and virtualize environments using the Google Tango Tablet and Oculus Rift
- Developed a web-application using the MEAN (MongoDB, Express, Angular, Node.js) stack
- Lead a team of four interns in creating an Android application from concept to prototype during a three-day hackathon
- Pitched proof of concepts to high level business leaders

University of Illinois at Urbana-Champaign - Technology Services

Champaign, IL

Site consultant

April 2013 – May 2016

- Troubleshoot a variety of operating systems, hardware, and software issues
- Provided customer service for thousands of students
- Administered distribution of operating system updates and security patches for campus computer labs

LEADERSHIP & ACTIVITIES

Illinois Big Data Group

Champaign, IL

Vice-President

May 2015 – May 2016

- Focused on outreach to provide lectures and co-host events with companies in the field of big data

Latinos in Computer Science

Champaign, IL

Treasurer and Outreach Coordinator

February 2015 – May 2016

- Administered budgets, accounts, and financial statements
- Worked with software companies to sponsor and co-host events

SKILLS

- Programming Experience: Java, JavaScript, React, Swift, Python, HTML, CSS, MongoDB, SQL
- Android Development: Java, TensorFlow, Material Design
- iOS Development: Swift, Core ML
- Web Development: React, JavaScript, HTML, CSS,
- AWS Development: Lambda, Elastic Beanstalk, EC2, S3
- Pipeline and Deployment: Jenkins, Pivotal Cloud Foundry
- Languages: Fluent in English and Spanish