Ivan Lopez

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Austin, Texas

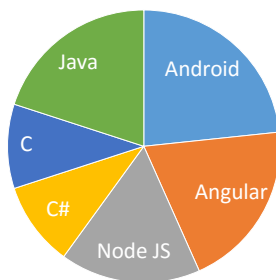## Telephone

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Web & Git

ivanryuu.github.io
github.com/ivanryuu

Programming

Java, Android, Angular, Node JS, C#, C

Online Courses

- Android Fundamentals
- Material Design
- AI for Robotics
- Machine Learning
- Usable Security
- Software Security
- Data Science

Experience

07/15 - Now   **Software Engineer Intern/Part-time**   Telogis, Austin, Texas
Worked on developing a User Acceptance Test environment for the unit servers to avoid introducing regressions when transferring staging into production. Back-end service was built in C# and UI was built using AngularJS and Bootstrap. Currently working on new projects involving Node.js and AngularJS.

01/13 - 07/15   **IT Specialist/Project Manager Assistant**   ALC Construction Inc, Laredo, Texas
Oversee all technology equipment and configurations. Assist the project manager of a construction company in planning, executing and closing of various projects.

08/12 - 12/12   **Java Enterprise Edition Instructor**   CDIS, Monterrey, Mexico
Planned and designed the curriculum that included topics such as Java SE/EE, xHTML, mySQL, AJAX, jQuery, and CSS. Performed final student evaluation and determined who passed into the second stage of the training.

Education

2015 - 2017   **Bachelor's of Science in Mathematics**   University of Texas Austin
Gpa Overall: 3.98/4.0, UT: 3.90/4.0

2013 - 2014   **Associates Degree in Computer Science**   Alamo Colleges, San Antonio, Texas
Needed Pre-Calculus and Physics II to complete degree.
GPA: 4.0/4.0

2011 - 2012   **Bachelor's of Science in Computer Science**   UANL, Monterrey, Mexico
GPA: 96.24/100

Projects

2015-2016   **Speedsolver Trainer**   Android, Node.js
Includes a comprehensive list of speedsolving algorithms for the Rubik's Cube. Able to visualize the steps of every algorithm. It includes a stopwatch and personal best times.

2015-2016   **CNS Career Fair Helper**   Android, Node.js
Helps an attendee prepare for the University of Texas College of Natural Sciences Career Fair. It includes filtering and bookmarking of an organization. Various organization related websites are included along with a notepad per organization.

2015   **BluKey**   Android, Arduino
Communicates with an Arduino through BlueTooth to operate a motor that locks a door. Uses various phone-specific properties and Sha1 to turn the device into a unique key to authenticate into the Arduino.

2015   **No Swiper**   Android
Allows the user to select which pictures can be seen when swiping through the gallery. It requires a password to return to the full gallery.

2015   **Mstr Crkr**   Arduino
Open source, 3D printable Master Lock cracker powered by an Arduino, stepper motor, and servo - for educational purposes.

2014-2015   **Rubiks Cube Solver**   Android, Arduino, Matlab
Software that solves a Rubik's cube using speed solving algorithms. Utilizes neural networks for its decision matrix. Implements an Android device coupled with computer vision and an Arduino to physically solve a cube.