# Jose Antonio Oronia

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## TECHNICAL BACKGROUND

- **Programming Languages:** C++, Java, C, SQL, HTML/CSS (Beginner), JavaScript (Beginner), jquery (Beginner), PHP (Beginner), and Python (Intermediate)
- **Platforms:** Microsoft Visual Studio 2015, Android Studio IDE, Netbeans IDE, Xcode, Github *username:* joronia, Sublime Text, Windows 8.1, Windows 10, macOS, and MySQL.
- **Relevant Course Work:** Artificial Intelligence, Advanced Algorithms Design and Analysis, Digital Logic Design, Operating Systems, Discrete Mathematics, Linear Algebra, and Calculus 1 & 2.

## EDUCATION   Bachelor of Science in Computer Science

*Whitworth University,* anticipated graduation, **May 2017**

## RELATED EXPERIENCE

**Mercer Canyons Farm, September 2016 – December 2016,** *iOS Mobile intern*
- Helping with implementing new features and code maintenance through Github.
- Helped implement HTML/CSS forms for their operations.

**Moses Lake School District, summer 2015, 2016,** *Substitute Technology Specialist*
- Worked with network switches and ports; retiring and deploying new computers to domains and networks. Removed broken projectors and added new hardware to computers.
- Managed various administrative and student accounts.
- Independently worked at help desk by answering and troubleshooting technology issues.

**Cornell University,** *SoNIC Workshop 2015*
- Conducted network research for one week with faculty and research mentor.
- Programmed SoNIC-enabled network card to experience network stack software.
- Presented findings of research at the end of the workshop.

## CLASS PROJECTS

**Twitter Bayesian Network**
- Group project to monitor group members twitter feed by collecting data on personal network.
- Counted number of tweets per person on feed and applied probability to them on excel.
- Used GeNIe 2.1 Academic to create our focused group Bayesian Network.
- Calculated distributions tells us if we should tweet or not based on network happiness and tweets.

**Whitworth Baseball iOS application**
- App presents tables shown on a Webview UI with baseball statistics on the app.
- Group project to create an application to help the Whitworth Baseball team with their stats.
- User enters data from the front end of the app to send back to the backend PHP code.
- Use user data to create custom tables and queries with SQL Server Database and PHP.

## PERSONAL PROJECT

**College Prep Tools:** https://play.google.com/store/apps/details?id=good.tools.jose.collegepreptools1&hl=en
- Purpose of app to target high school user's prep for college. Independently created app and designed using open source software for icons.
- App includes a menu, GPA Calculator, finding colleges, saving activities & standardized test scores, and view saved data.
- Each feature has its own layout and UI (User Interface). All user data saved to internal storage.

## SERVICE & INVOLVEMENT

- Helping High School teachers at Rogers High School by mentoring students and promoting Computer Science.
- Learning about the Computer Science field while learning new skills in the Association for Computing Machinery Club.