

## REY JR P. ITALIA

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### EDUCATION

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#### Bachelor of Science, Major in Computer Science

2018

- Concentration in Information Security
- GPA: 3.37
- University of Calgary

#### Awards

- Jason Lang Award for Academic Achievement 2016
- Calgary Security Professional Information Exchange Bursary 2016

### RELEVANT COURSES

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- Network Security
- Algorithm Design
- Cryptography
- Operating Systems
- Computer Networks
- Computer Viruses and Malware
- Analysis and Design of Large-Scale Software
- Data Structures
- Computing Machinery
- Information Security and Privacy

### TECHNICAL SKILLS

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- **Programming Languages:** C++, C, C#, Java, ARM and SPARC Assembly, LaTeX, Haskell, Prolog, and Ruby
- **Web Development:** MySQL, PHP, Ruby on Rails Framework, HTML, and CSS
- **Operating Systems:** Mac OS X, Linux, Microsoft Windows XP/Vista/7/8/10, and Solaris
- **Tools and Applications:** Microsoft Office 2003/2007/2010/2016, Android Studio, Adobe Lightroom, Adobe Photoshop, Adobe Dreamweaver, Microsoft Visio 2016, Axure, GitHub, Slack and Trello

### RELEVANT EXPERIENCE

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- **Sugar Rush:** Acted as the main programmer of a team that designed and developed a game for Raspberry Pi using ARM assembly. The game was awarded best game out of forty-two other entries and was featured at the CPSC Undergraduate Showcase last April 15, 2016
- **UVIDA:** Part of a five-member team mentored by a Software Engineer and acted as the front-end developer of a web application that aimed to help students in their academic studies
- **Noto:** Part of five-member team that developed and implemented a note application following agile (scrum) software process model
- **Sisyphus-I (Room Allocation Task):** Part of a three-member team that developed and implemented a set based search to assign office workers to offices, maximizing the happiness of the workers and convenience of the work environment with consideration of the constraints
- **Local Coffee Shop:** Acted as the front-end developer of the project's website containing a coffee shop database to store information on employee scheduling, equipment, and inventory for use by employees, as well as a place for customers to track accumulated rewards
- **Fast-Pass:** Part of three-member team that designed and developed a high-fidelity prototype of an application that is more efficient and accessible compare to current Fast-Pass systems using user-centered design approach

## ADDITIONAL SKILLS

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- **Analytical and Problem-Solving Skills:** Implemented and debugged programs for assignments and projects
- **Team Player:** Collaborated with peers for assignments, projects and coding competition
- **Language Proficiency:** Alongside English, fluent in spoken and written Tagalog

## INTERESTS

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- **Technology:** Information security, computer systems
- **Photography:** Track new innovations and latest news, occasionally take photos