Federico Naranjo Bellina
Electrical Engineering – Minor in Computer Science

Experience

Software Developer Intern, CaseWare Inc, Sept. 2016 – Aug. 2017

- **Designed and built** an **automated testing framework** that greatly reduced regression testing effort by finding defects early in the development cycle.
- Gained proficiency and practical **experience** with **C#**, **Selenium**, **Gherkin**, and **Visual Studio** IDE, and with creating and maintaining large projects.
- **Documented** entire framework using **XML** documentation and a **Markdown** guide to allow project to be understood and maintained by the team.

Ground Station Software Developer, CU Inspace, Sept. 2017 – Present

- **Designing and implementing ground station software** in order to receive and view telemetry data from our rocket in real-time during the Intercollegiate Rocket Engineering Competition (IREC).
- Using **Electron API** to develop a **cross-platform application** that can **parse and display** telemetry data such as temperature and air pressure as it is received and overlay the current GPS location on top of a map view.

Personal Projects

Locations iOS App, June 2016 – Present

- Developed an **iOS application** which allows the users to navigate a map and save various locations and view them later, **to learn new skills** and familiarize myself with the iOS development tools.
- Using Apple frameworks such as MapKit and CoreData with user-oriented design principles to create an **intuitive and responsive user interface**.
- Using this experience **to organize a workshop** teaching others how to create a similar app and **using iOS app development tools with Github**.

Verbose Wall Clock, Sept. 2017 – Present

- **Designing and building hardware and software** for a wall-mounted clock that shows the time by using LEDs to illuminate words, **to challenge myself** and apply the concepts learned in school.
- Will be using **Arduino microcontroller** to control time and automatically contact servers to synchronize the clock and automatically adjust time.

Communication and Leadership Skills

- Strong **verbal/non-verbal**, **presentation**, **team-building**, and **active listening skills** through work experience, school projects, and extra-curriculars.
- Experienced with **presenting and explaining** detailed and **technical concepts** to a non-technical audience in a concise and professional format.
- Experienced with **leading and organizing teams** to achieve time-sensitive goals through communication and delegating tasks appropriately.
- Fluent in both **Spanish** and **English**, with an intermediate level in **French**.

🏠 43 Greynam Court, **Ottawa ON** – K2G 5T4

✉ federiconaranjobelli@cmail.carleton.ca

📞 **cell**: 613 790–7635   **home**: 613 480–6555

in linkedin.com/in/federico-naranjo-bellina/

github.com/FedericoNaranjo/

website: riconaranjo.me

Education

- **Bachelor of Engineering – Electrical**
Third year standing | *Expected 2020*

Practical Skills

- **Programming:**
C#, Swift, Java, C/C++, MATLAB, Ruby, HTML, CSS
- **Software Tools:**
Visual Studio, Xcode, Selenium, TFS, MATLAB, PSpice, Ansys, Git
- **Other:**
Agile Scrum, testing automation, debugging, documentation

Extra-curriculars

- **IEEE Carleton Student Branch:**
Computer Society Chair, helping to organize competitions / workshops designed to help students skills.
- **CUHacking:** *Logistics Director,* organizing logistics and assisting with the sponsorship outreach for a hackathon of 400 students.
- **CU Photography Club:** *Member,* going on photo-walks, submitting photos for the monthly collections.

Interests

- Photography, reading, soccer, graphic design, building things.