Mihai Lapuste

mihai.lapuste.eng@gmail.com ⋄ mihailapuste.github.io

EDUCATION

Simon Fraser University – School of Engineering Science　　　　　　　　**Sep. 2015 – Aug. 2020**

Bachelor of Applied Science – Concentration in Computer Engineering　　　　　　　　*Burnaby, BC*

- Relevant Courses: Electronic Devices, Digital Logic & Design, Electric Circuits, Microelectronics, Software Engineering, Embedded & RT System Software, Operating Systems, Digital Systems Design, User Interface Design, Database Systems, Communication Systems, VLSI Systems Design, Capstone A & B

Simon Fraser University NCAA DII Men's American Football Team　　　　　　　　*Burnaby, BC*

- Played Quarterback for 5 years finishing my career as a Redshirt-Senior
- Committed over 30 hours per week to training, meetings, film study, travel, and games while maintaining full course load

RELEVANT WORK EXPERIENCE

Ascenti Software Corporation　　　　　　　　**Jan. 2017 – Dec. 2017**

Software Developer (CO-OP)　　　　　　　　*Vancouver, BC*

- Led the front-end development of the web-based ALF corporate records management software application
- Developed & tested end-to-end features in PHP and Angular Material
- Held weekly design meetings, where my designs & prototypes were reviewed
- Designed and created the initial version of the application's dynamic site content generation system to work with Angular Material components
- Took part in the interview and hire process to expand our team of developers
- Had Co-op position renewed every 4 months (year total) and was given a salary raise each time based off merit

Ascenti Software Corporation　　　　　　　　**Jan. 2018 – Aug. 2018**

Software Developer / Front-end Consultant (Part time)　　　　　　　　*Vancouver, BC*

- I worked as a semiweekly consultant for the front end while taking a full course load in school
- Participated in the weekly design and sprint meetings where I provided helpful input and leadership
- Focused on out-of-sprint issues (front-end design & bug fixes) as well as continuing work on the dynamic site content generation system

PROJECT EXPERIENCE

CMPT 275 - Software Engineering I　　　　　　　　**Sept. 2018 – Dec. 2018**

Project Manager & Lead Developer　　　　　　　　*Burnaby, BC*

- Chosen as project manager by my group to manage and lead the develop our IOS mobile application
- The application MindSafe was developed to help those suffering from Alzheimer's and included features which would track the patient's whereabouts, keep them on track with medication, help them in case of emergency, provide daily baseline tests and analytics in order to track the progression and severity of their disease
- As project manager, I led our semiweekly development meetings, assigned sprint tasks to each group member, ensured all project documentation was in order, and as the lead developer I spent over 100 hours developing our application in Swift and managing our codebase

- My team successfully created a fully functional IOS application which incorporated all of our initial targeted features, receiving the top 3rd highest grade in the class

CMPT 363 – User Interface Design   **Jan. 2019 – Apr. 2019**

Designer   *Burnaby, BC*

- Collaborated with my group of 8 other students to collectively design our application interface
- I conducted usability tests on a dozen test subjects, put together our system requirements, drew up our low fidelity prototypes and eventually translated those into high fidelity & functional prototypes with the help of wireframing tools such as Draw.io, Balsamiq and Adobe Photoshop

VOLUNTEERING EXPERIENCE

Romanian Christian Orthodox Church   **Jan. 2009 – Present**

Volunteer   *New Westminster, BC*

- Organizing sandwich drives for the homeless in downtown eastside Vancouver.
- Planning youth group outing events such as picnics, board game nights, winter tubing, etc.

SFU Football Camps   **Apr. 2016 – Apr. 2019**

Volunteer Quarterbacks Coach   *Burnaby, BC*

- As a quarterback coach, I led my group through all the individual drills, coached throwing mechanics, game management, read progression and quarterbacking fundamentals
- Mentored and coached quarterbacks during live scrimmage sessions, giving insightful pointers and helping them with the psychological aspect of the game

Jay Prepchuk Quarterback Camps   **Jan. 2015 – Present**

Volunteer Coach   *North Vancouver, BC*

- Helping coach quarterbacks as young as 7 years old with their throwing mechanics and decision making

SKILLS & INTERESTS

- **Skills:** Leadership & Communication, Coaching, Software development experience: C, C++, JavaScript & TypeScript, Swift and ARM assembly, MATLAB, Databases: SQL, PgSQL, Design and wireframing experience: HTML & CSS, Photoshop, Balsamiq, Draw.io
- **Interests:** Traveling, Football, Basketball, Weightlifting, Running, Fitness, Painting, Photography, Graphic Design