

Eduardo Nunez

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<http://ednunez.me>

Education

University of Minnesota

Minneapolis, MN

B.S. in Computer Engineering; GPA:3.339

Sep. 2013 – Dec. 2017 (Expected)

- Key Courses: Algorithms and Data Structures, Operating Systems, Developing the Interactive Web, Computer Networks, Computer Security, Computer Architecture, Embedded System Design

Experience

Medtronic

Mounds View, MN

Firmware Engineer Co-op

Jun. 2016 – Dec. 2016

- Developed Verilog RTL and a SPI procedure on C++ that loads a firmware image into a Bluetooth module using a Xilinx FPGA board
- Created Bash scripts that streamline and speed up the build process for a medical device virtual testing environment, decreasing build times decreased by up to 40%

Carlson School of Management

Minneapolis, MN

IT Applications & Laptop Repair

Sep. 2014 – Mar. 2016

- Used Windows Powershell to automate software distribution and installations in computer labs, saving the IT department 20+ monthly man hours of manual work
- Developed desktop Java app that gives notifications of low printer resources for computer lab attendants
- Performed laptop repairs and provided extensive technical support for students

UnitedHealth Group

Mounds View, MN

Software Engineer Intern

June 2016 – Dec. 2016

- Developed a site on the Java-based Spring framework that allow developers to easily add, view, and modify mock users for integration testing.
- Performed permutative tests to ensure user privacy on health-care portals.

Skills

Languages: Highly skilled in Java and C. Proficient with Javascript, HTML, CSS, PHP, MySQL, MongoDB, and Swift

Frameworks: jQuery, Node.js + Express, React, React Native, Cocoa Touch

Other: Linux/Unix, Xcode, Bash, Git, SVN, Jenkins CI Server, Webpack

Projects

Exercise training log for Strava users: Single page web app that imports workouts using the Strava API and presents activities and weekly summaries in a calendar-like view. Node.js / Express / Javascript / jQuery

Speech Analytics iPhone App: Speech coaching iPhone app developed with four other students. App detects and reports the presence of stutters, monotonous tone, long pauses, and use of filler words in a user's recorded speech. Xcode / Swift / Audio Signal Processing

Equipment checkout website: Site allows members of the Engineers Without Borders student group to reserve and checkout items from a catalog. PHP / Javascript / MySQL

More projects and info available at <http://ednunez.me/projects>

Leadership

Engineer Without Borders UMN Webmaster

2013 – 2015

FIRST Robotics High School Mentor

2014 – 2016

IEEE UMN Career Fair Coordinator

2016 – 2017

IEEE Women in Engineering UMN Recruitment Officer

2016 – 2017