

Mario Mendez

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EXTRACURRICULAR

Team Snobots Student Developer

Autonomous Agents Laboratory, Department of Computer Science.

- Work on humanoid motion, robotic autonomous decision making and computer vision to create Robo sport events. (December 2017 - present)
- Achieved 4th place "Adult" size in FIRA Hurocup held in Taichung, Taiwan. (August 2018)
- Achieved 1st place "Teen" size, technical challenge at Robo Cup in Montreal, Canada. (June 2018)
- Achieved **1st** place in AUTCup "Adult" size category, held at Amirkabir University of Technology in Tehran, Iran. (March 2018)

Participant, MLH Hackathons

- Hackathon 2018: Created a mock e-commerce for local products using Flask and Shopify. (December 2018)
- Hackaton 2017: Created resume generator using Java and linkedin web scraping. Earned "most innovative" project (December 2017)

Member, University of Manitoba .devClub

- Attended the Canadian University Software Engineering Conference (CUSEC) in Montreal, representing the University of Manitoba. (January 2018)

PERSONAL PROJECT

Fix My Notes .com

- Created a webapp using Python and Flask that uses Computer Vision to transform course notes, making them easier to read.
- Hosted the project on personal Raspberry Pi and later used an Azure Ubuntu server.
- Project available at fixmynotes.com; code available at github.com/mariowr2/fixmynotes.com (November 2018)

EDUCATION

- Bachelor of Science, Major in Computer Science (Co-op). (September 2016 - present)

INDUSTRY EXPERIENCE

Innovation Lab Application Developer (Co-op)

Wawanesa Insurance, Winnipeg, Canada

(April - present)

- Developed and deployed a Blockchain proof of concept using Corda, Spring Boot APIs, ReactJS and AWS EC2 Instances.
- Developed AR project using Unity and Vuforia that allowed Insurance customers to visualize potential property damages.

Business Intelligence Intern

Global HITSS, Mexico City

(May - August 2017)

- Created financial reports using IBM Cognos BI suite and SQL databases.

TECHNICAL SKILLS

- Blockchain applications using the Corda framework.
- RESTful API design and implementation using Java Spring Boot and AWS Lambda.
- Web development using JS, HTML, CSS , Flask , ReactJS and Django.
- Object Oriented Programming: Java, C++ and Python.
- Linux, SQL DB, AWS DynamoDB, OpenCV, Android, ROS, AWS, and Git.

VOLUNTEERING

- University of Manitoba *SET Day*: Assisted high school students during an introduction to programming workshop. (February 2019)
- University of Manitoba *Homecoming*: Demoed Robosport events to show potential use of robotics in Kinisiology. (September 2018)