Glavin **Wiechert**

SOFTWARE DEVELOPER

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"I want to put a ding in the universe."

Education

Saint Mary's University   *Halifax, Nova Scotia*

HONOURS IN COMPUTING SCIENCE, BACHELOR OF SCIENCE   *Sep. 2012 - Exp. Apr. 2017*

- Assisted with hosting of SMU's annual "Hackaweek" Hackathons (http://cs.smu.ca/hackaweek/)
- Assisted with hosting AI/GI/CRV 2015 Conference at SMU and Dalhousie (http://aigicrv.org/aigicrv2015/)
- Vice President of the Saint Mary's University Computing Science and Mathematics Society (SMUCSM)

Experience

Saint Mary's University   *Halifax, Nova Scotia*

RESEARCH ASSISTANT   *Jan. 2016 - Mar. 2016*

- Researched means of classifying electroencephalogram (EEG) data based on person, activity, and both person and activity.
- Implemented software for classification and clustering of EEG data in R and Java.
- Assisted with writing research papers with results in LaTeX.

Skilltapper   *Lakeville, New Brunswick [Remote]*

SENIOR SOFTWARE ENGINEER   *Jul. 2015 - Mar. 2016*

- Managed a small team of 3 other internal software developers remotely, using Google Hangouts for Video Calling and GitHub's Issue Tracker.
- Developed web application in JavaScript using Ember.js framework and Sass, along with managing 2 other team members.
- Designed and implemented a RESTful API server in Node.js, to connect the web application to retrieve and manipulate customer data stored in MongoDB and Redis.

Streamlyne Technologies   *Dartmouth, Nova Scotia*

COFOUNDER, VICE PRESIDENT OF ENGINEERING   *Apr. 2013 - Jul. 2015*

- Managed a small team of software developers, using GitHub's Issue Tracker.
- Architected and implemented the RESTful API server, along with 2 other server developers, with Python, MongoDB, Redis, RabbitMQ.
- Gained business presentation experience through attending business meetings as Technical representative along with Sales representative of Streamlyne.
- Gained customer developer experience by working closely with early adopter customers to ensure their ideas and concerns were being heard and addressed with the Streamlyne technology.
- Gained business-to-business software integration experience while working with third-party technical teams.
- Developed web application in JavaScript using Ember.js framework and Sass, along with training interns how to use these web technologies.
- Developed iOS application in Objective-C for iPhone, iPod Touch, and iPad.
- Collaborated with experienced Data Scientist (Ph.D candidate) to design and implement predictive analytics system using R, MongoDB, and InfluxDB.
- Improved data processing pipeline to dramatically reduce operating costs and improve real-time performance using Redis, RabbitMQ, MongoDB, and Python.

Compilr   *Halifax, Nova Scotia*

DEVELOPER   *May 2013 - Jul. 2013*

- Developed Compilr's web application using JavaScript / Node.js, HTML, CSS, PHP, and MySQL. Specifically tools for education, including an innovative interactive source code recording system.
- Compilr was acquired by an online education company, Lynda.com, on April 7, 2014 and Compilr's education tools were integrated in Lynda.com's web application.

Honors & Awards

2015	**Finalist Team**, IBM/Sobeys Retail Hackathon, hosted by Saint Mary's University	*Halifax, Nova Scotia*
2014	**1st Place Team**, Saint Mary's University Mobile App Contest	*Halifax, Nova Scotia*
2013	**1st Place Team**, Saint Mary's University Mobile App Contest	*Halifax, Nova Scotia*
2012	**1st Place**, Saint Mary's University High School Programming Wimpetition	*Halifax, Nova Scotia*
2011	**3rd Place**, Saint Mary's University High School Programming Competition	*Halifax, Nova Scotia*