

# JONATHAN VEHAUN

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1062 McMillan St NW, Atlanta, GA 30318

## EDUCATION

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**Georgia Institute of Technology**, Atlanta, GA  
Candidate for Bachelor of Science in Computer Science  
GPA 3.77/4.0 - Faculty Honors  
Honors Program

August 2015 - August 2019

**Charlotte Country Day School**, Charlotte, NC  
GPA 4.333/4.0 - Summa Cum Laude

May 2015

## PROJECTS

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### **Crowdsourced Water Quality Tracker**

December, 2016

*Creation of a multiplatform, crowdsourced water source tracker*

- Created an application for tagging, characterizing, and viewing water sources
- Used a MySQL database, with cross-platform JavaFX, NodeJS, and ReactJS with Rails frontend

## SKILLS AND INTERESTS

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<b>Programming</b>	Java, C, C#, Haskell, C++, Xamarin, Ruby on Rails, ReactJS, XAML, HTML, CSS, Javascript, XML, Python, MongoDB, NoSQL, MySQL, PostgreSQL, Git, Vim, tmux, Vagrant, Docker, Bootstrap, Linux
<b>Concepts</b>	Object-oriented programming, OS Design, UNIX, Data structures, Computer organization & programming, Discrete mathematics, Multithreaded application programming, Program design, Computer Design, Probability and Statistics, Neural Nets, Machine Learning, Functional programming, Processor design, Combinatorics, Agile development, Project management
<b>Clubs/Interests</b>	GT Navigators, GT Cycling, Ultimate

## EXPERIENCE

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### **Full Stack Web Developer**

July 2018 - August 2018

- Fulfilled a contract to create an interactive promo app that will be used by over a dozen brands
- Frontend was custom using Haskell, Yesod, Bootstrap, HTML, CSS, and Javascript

### **Software Engineering Co-op, Abbott Laboratories**

January 2018 - June 2018

- Developed and maintained .NET in-house tools for iOS app testing for a class III medical device
- Created a Xamarin app to edit registers of an Implantable Pulse Generator over BLE

### **Software Engineer, Layer3 Communications**

June 2017 - August 2017

- Developed a full-stack web app in Haskell for accessing an ONT provisioning tool
- Learned the advantages of functional programming and strongly typed languages

### **Software Engineer, Trustfuel**

May 2016 - August 2016

- Developed a CSM tool in Rails to help SaaS businesses maintain customer relationships over time
- Used a ReactJS frontend with a PostgreSQL server; also a companion app with NodeJS and MongoDB