

# NOMAN SIDDIQUI

3A Applied Mathematics/Engineering, University of Waterloo  
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## PROFILE

- Passionate learner, thinker, reader and writer
- Enjoy mathematics - particular interest in Statistics, data visualization, interpretation, comparison, especially in regards to sports
- Resilient and resourceful problem solver - good at developing creative solutions and ideas
- Very efficient with search engines and online forums as learning tools
- Great leadership and communication skills developed through academic, extra-curricular, and professional experience

### Candidate for Bachelor of Mathematics, Honours

**Sept 2013 to present**

*Major in Applied Mathematics with Engineering (Communications)*

*University of Waterloo, Waterloo, Ontario*

## TECHNICAL QUALIFICATIONS

- Knowledge of Python, Bash, HTML/CSS, JavaScript, SQL, C/C++, Racket
- Experience with Object-Oriented, Procedural, and Functional programming
- Comfortable in OS X, Windows, or Linux environment
- Proficient with Microsoft Word, Excel, PowerPoint - have used Microsoft Access in the past as well

## PROFESSIONAL & EXTRA-CURRICULAR EXPERIENCE

### 1. Junior Software Engineer *Irdeto*

**Sept 2014 to Apr 2015**

- Worked in the OTT team, responsible for the development of the Irdeto's media security solution, Rights
- Worked in a Scrum environment with bi-weekly sprints, used Microsoft Team Foundation Server
- Wrote bash scripts for internal infrastructure optimization
- Developed and documented a significant part of Irdeto's new integration toolset that allows clients to secure their media with the use of Irdeto's Rights solution – written in Python.
- Debugging C code in Visual Studio, and Java code in Eclipse.
- Made contributions to the OTT wiki – used as a resource for new members

### 2. Captain/Attorney *GGMSS Mock Trial Team*

**Apr 2012 to Jun 2013**

- Led the only Canadian team to Mock Trial World Championship in New York City
- Worked under pressure, with tight deadlines but consistently delivered

### 3. Business Manager *IBT Business Team*

**Sept 2012 to Jun 2013**

- Co-ordinated school events including conferences, field trips, and guest speakers
- Developed important interpersonal and organizational skills

### 4. Vice President of Sales *Delta Style (a student company)*

**Oct 2012 to Apr 2013**

- Oversaw all sales operations/strategies, and conducted efficient meetings

## PROJECTS

### NBA Python Data Visualizations

- Web scraping, player movement tracking, shot charts and shot chart generator (in progress)

### Personal Website/Blog

- Self-taught web development concepts – also HTML/CSS, JavaScript