

# Siddharth Mahendraker

Mäenrinne 3-5 K 90, Espoo, Finland

+358 40 142 2010

siddharth\_mahen@me.com

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## Education

2010 – now	<b>International School of Helsinki, Helsinki, Finland, Grades 9 - 11</b> Currently in the 11th grade. Graduated each previous year with honours.
2006 – 2010	<b>West Oak Public School, Oakville, Ontario, Canada, Grades 5 - 8</b> Graduated each year with honours. Valedictorian of the graduating class. Received the French award for excellence in the French language.

## Work Experience

2010 – 2011	<b>Engineered an iPhone application used in production at iMenu360 Inc.</b> Was responsible for the planning, design, engineering and coding of an iPhone application for iMenu360. The application displayed incoming orders for restaurant managers, allowing them to quickly understand an order issue, and quickly take corrective action. The application incorporated push notifications, XML parsing and custom gestures.
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## Interests

<b>Mathematics</b>	Highly interested and competent in many areas of mathematics, particularly discrete mathematics, abstract algebra and cryptography. Currently working through <i>Introduction to Abstract Algebra</i> , D.S Malik et al.. Spend a lot of my free time learning math and exploring different areas of the subject, particularly with respect to my endeavours in software engineering and computer science.
<b>Theoretical and Applied Computer Science</b>	Highly interested in many problems in both theoretical and applied computer science, with particular interest in the theory of computation and the design and analysis of algorithms and data structures. Currently working through <i>Introduction to Algorithms</i> , CLRS, as well as <i>Algorithms: Design and Analysis, Pt 2</i> , Roughgarden via the online service Coursera.
<b>Open Source Software</b>	Regularly work on small open source projects in leisure time. Maintainer of two non-trivial open source projects. Has contributed minor patches to larger projects such as the node.js project. All code freely available under the MIT licence at <a href="https://github.com/siddmahen">https://github.com/siddmahen</a> .

## Achievements

<b>Volleyball</b>	Won Bronze at the CEESA High School Boys Volleyball Tournament, 2012, Helsinki, Finland. Played as the team setter. Have been playing volleyball for over 4 years, competitively for the past 2 years.
<b>Model United Nations</b>	Participated in 5 MUN conferences, including the original conference in the Hague, and other large conferences such as those in Paris and Milan. Held various high profile positions, including the head ambassador of high profile countries including Turkey and Japan, as well as positions in the Security Council, the Disarmament Committee and the International Court of Justice. Recognized at the Milan MUN for outstanding work in the Security Council. Spoke in front of the General Assembly at every conference.
<b>Music</b>	Played 1 <sup>st</sup> flute in the West Oak School Band for 3 years. Invited to play in the regional Woodwinds BAND NAME by recommendation from the band conductor. Continued to play flute in Helsinki, playing the solo flute score for the school production of <i>The Wizard of Oz</i> .

## Skills

<b>Languages</b>	Mother tongue English. Nearly native French
<b>Programming Languages</b>	Fluent in Javascript and Objective-C. Can also write in C, Python, PHP and C++ . Mild exposure to Haskell.
<b>Computer Skills</b>	Highly proficient in a wide variety of tools, including the shell, git, vim and Xcode.