

Anirudh Prasad

2A Computer Engineering
Phone: (226) 606 8539 | Email: a6prasad@uwaterloo.ca
www.anirudhprasad.com | www.github.com/anirudhreddevil

SUMMARY OF QUALIFICATIONS

- Extensive experience working with C++ and its applications
- Proficient in full stack web development methodologies like PHP, MySQL, JavaScript, JSON, CSS, Bootstrap, HTML, jQuery, Yii Framework and other web applications
- Skilled in Android development, C# and Java as well as a basic understanding of Python
- Experience in working with multiple operating systems including Windows, Mac OS X and Linux
- Basic understanding of FPGA design and VHDL
- Knowledge of data analytics and analytics services such as Mixpanel Analytics, Google Analytics and GTmetrix
- Understanding of multiple project management techniques including Agile Development and Scrum Model
- Excellent problem solving abilities and a high aptitude towards understanding procedures
- Strong leadership, communication and teamwork skills developed through various extracurricular activities

EDUCATION

Candidate for Bachelor of Applied Science, **Honours Computer Engineering, University of Waterloo** Sept 2014 – Present

WORK EXPERIENCE

Web Developer

Sept 2015 – December 2015

Clausehound Inc.

- Created a daily email report in PHP utilizing Mandrill's API which logged every activity in the website including new users, purchases and 404 redirects, which in turn helped in building an analytics funnel
- Completely reorganized and restructured the database by building specific MySQL queries to consolidate groups of tables and data and built an automation script in PHP for the same
- Set up and integrated Stripe as a payment tool into one of the company's websites (www.blackletterlaw.ca) to allow users to make purchases. Also used Wordpress' Integration of Bootstrap to improve the front end of the website
- Built a legal contract tool using PHP and MySQL for the backend by creating JSON data endpoints and JavaScript and JQuery for the frontend. This tool would allow lawyers to create new contracts based on Clausehound's internal database of legal knowledge
- Set up and integrated Mixpanel Analytics into the website. Used Mixpanel's API to create an informative analytics report detailing the most visited sections of the website, purchases, logins and registrations
- Coordinated with the development team at another startup company (IncMind) as part of a revenue sharing agreement and led the development and the modification of the site to include a completely different user interface for IncMind users

Software Developer

Jan 2015 – April 2015

Metroland Media Group Ltd.

- Resolved 45+ frontend and backend bugs in the company's website
- Made several improvements to the site such as optimizing it for different resolutions, improving usability and implementing various designs to improve customer retention
- Procured and organized large volumes of data using specific MySQL queries
- Added structured microdata to the website and made other enhancements to improve SEO of the website
- Development technologies used were the Yii PHP framework, MySQL, Netbeans IDE, Bitbucket and Jira boards

PROJECTS

DIGITAL DIARY

- Built a digital diary in C++ that includes simple games such as Rock Paper Scissors, Tic Tac Toe and Magic 8-ball. Some other features include a Horoscope reader and an address book which can store, retrieve and search a person's contact information

MOTEL SIMULATOR

- Built a motel simulator in C++ that would allow everything from checking in of a guest and picking a room to checking out of a guest and billing a receipt for the duration of the stay

PEDOMETER

- Android pedometer coded in Java utilizing various sensors like the acceleration and magnetic sensors which track the user's steps

GEOMAPPING ANDROID APP

- An android app which will tell you the shortest direction between two specific points and provide instructions on how to get to that point by implementing complex state machines and using low and high pass filters to track displacement

AWARDS AND ACHIEVEMENTS

- Engineering International Undergraduate Scholarship (admission average of 95% or higher)
- President's Scholarship of Distinction (admission average of 95% or higher)
- Delegate of South Korea and Russia in two separate Model United Nations events
- Placed in the Principal's Honours List (Top 4% of the graduating class) in Grade 12 (94.4%)
- Placed in the Principal's Merit List (Top 6% of the class) in Grade 11
- Acquired a cumulative grade point average (CGPA) of 10.0 in Grade 10

ACTIVITIES AND INTERESTS

- A passionate Piano player who has been playing for about 8 years and has passed the 8th Grade exam of ABRSM, London with MERIT (124/150)
- Black Belt Dan 1 in Shotokan Karate
- Avid ping pong player and public speaking enthusiast