

Prathmesh Desai

<http://www.prathmeshdesai.com>

prathmesh.desai@uwaterloo.ca | 519.722.8110

Permanent Address: 2650 Meadow Ridge Dr, Prosper, TX, USA, 75078

Temporary Address: Unit B - 249 Albert St, Waterloo, ON, Canada, N2L 3T7

LEGAL STATUS

Citizen of Canada

Permanent Resident of The United States

Overseas Citizen of India

EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF
COMPUTER SCIENCE

Expected Aug 2019 | Waterloo, ON

FARRAGUT HIGH SCHOOL

HS DIPLOMA

Grad. May 2014 | Knoxville, TN

COURSEWORK

UNDERGRADUATE

Algebra: Intro. to Proofs (Completed)

CS: Designing Functional Programs
(Completed)

Calculus 1 & 2 (Completed)

CS: Algorithm Design (Completed)

Business: Intro to Management
(Completed)

Linear Algebra (Completed)

Intro. to Combinatorics (Completed)

Business: Func. areas of Org. (Completed)

CS: Logic & Computation

CS: Object-Oriented Software

Development

Intro. to Graph Theory

Combinatorial Enumeration

HIGH SCHOOL

AP Physics C: Mechanics, E & M

AP Calculus BC

AP Computer Science A

AP Statistics

Programming I

Ever since grade six I have exhibited a strong interest in Computer Science & Software Engineering, and began programming at a very young age. In addition, I have a keen interest in Entrepreneurship, and I aim to make my creative ideas a reality. I am a dedicated, hard-working, go-getter, and I urge you to consider me for this internship position.

SKILLS

COURSE-TAUGHT TECHNOLOGIES

- **Visual Studio & Visual Basic** - Taught in Programming I
- **Java** - Read *Java: The Complete Reference, Ninth Edition* & AP Computer Science & Java/J2EE Training through H2KInfosys
- **Python** - Read *Learning Python by Mark Lutz* & Learned/Used in University of Tennessee Research Internship
- **HTML/CSS/JS** - Learned by revamping the www.hubdoc.com website and Udemey
- **NodeJS and ReactJS** - Work Experience at FarmLogs and Udemey Courses
- **Swift for iOS** Udemey's *The Complete iOS8 and Swift Course: Learn by Building 15 Real World Applications* taught by Mr Rob Percival
- **Maya** - Maya 2015 Tutorial Course offered by Digital-Tutors
- **MATLAB** - Taught by The Vanderbilt University Summer PAVE Program

SELF-TAUGHT TECHNOLOGIES

Programming Languages (excl. languages mentioned above): C, C++, \LaTeX , LISP, C#, F#

Web Technologies: MySQL, Ruby on Rails, Clojure, CoffeeScript, Backbone, React

Software: Microsoft Office, Photoshop, Dreamweaver, Lightroom, Solidworks, 3DS Max, Blender, Maya, Eclipse, After Effects, Premiere Pro, XCode

MISCELLANEOUS

- **Theater Nerd** - Ever since I attended my first improv comedy sketch show, I fell in love with Theater. This passion of mine has led me to be a more outgoing, fun to be around, and funny person.
- **Writer** - Writing is my favorite pastime. I have begun writing a book, and often spend my off hours writing short stories.

EXPERIENCE

SELF EMPLOYED | FREELANCER

Spring 2006 – Present | Toronto, ON & Knoxville, TN & Waterloo, ON

- Through numerous freelancing websites and online job postings I took part in a wide array of projects.
- Project Categories include: Essay-writing, Web Design & Development, App Design & Development, 3D Animation, and Video & Photo Editing

HORIZONS SCHOOL OF TECHNOLOGY | JR. SOFTWARE

ENGINEERING INTERN / INSTRUCTOR

January 2017 – May 2017 | San Francisco, CA

- Instruct students on CS topics (incl. HTML/CSS, React, Angular, Node, MongoDB, Git, Github, Express, Handlebars...)
- Develop Curriculum
- Engineering Lead for local contract projects

FARMLOGS | FRONT END SE INTERN

January 2016 – May 2016 | Ann Arbor, MI

- Managed the FarmLogs Web Application and Static Marketing Site
- Worked using Agile and Waterfall Software Development Methods
- Code re-factoring from Backbone Views to React Classes
- Wrote Unit Tests in Jasmine
- An in-depth use of external libraries such as d3 or jQuery

HUBDOC | SOFTWARE MARKETER / WEB DEVELOPER

May 2015 – August 2015 | Toronto, ON

- Developed the entirety of Hubdoc's new Responsive Website (HTML/CSS/JS/jQuery) [www.hubdoc.com]
- Built Web Scrapers to crawl Accountant/Bookkeeping Directories (Python/JS)
- Solely handled Hubdoc's Social Media Marketing
- Managed some of Hubdoc's content marketing, and wrote well received Blog Posts

EXCELGRADE E-LEARNING | CEO & FOUNDER

Fall 2006 – Spring 2013 | Toronto, ON

- After a visit to India, founded Excelgrade e-Learning to provide the multitude of unemployed teachers with jobs and to aid students in K-12 around the world.
- Designed and Developed a website using HTML (and later updated using CSS).
- Managed clients and tutors, and made sure the company was fully functioning.

RESEARCH

UNIVERSITY OF TENNESSEE | CANCER RESEARCH INTERN

Winter 2012 – Fall 2013 | Knoxville, TN

Worked with **Amila Orucevic** to perform statistical analyses on thousands of Breast Cancer Patients. We proved that the introduction of adjuvant anti-HER2 treatment has no impact on overall survival, despite common belief. Our research was conducted by acquiring thousands of patient records, and running scripts in Python to extract relevant information to analyze. Results warrant further studies.

ONGOING/FUTURE PROJECTS

LEMONADE STAND | CEO & FOUNDER

Spring 2017 – N/A | Waterloo, ON

- Create an application for Android & iOS devices
- Uber style service for a variety of services (primarily food)
- Learning ways to integrate safe and automated payment into apps

ORACLE JAVA CERTIFICATION | JAVA SE 7 PROGRAMMER I

Winter 2017 | Waterloo, ON

- I aim to take the Java SE 7 Programmer I Certification Test

AWARDS

2014	Avg of 95%+	President's Scholarship of Distinction (UWaterloo)
2014	GPA of 4.0+	Member of The American National Honors Society (NHS)
2014	Top 5 (In-School)	American Math Contest
2014	School Champion	Euclid Math Contest
2014	1 st Place (State)	HOSA Medical Math Contest
2013	Top 3 (State)	Technology Student Assn. Digital Video Competition
2010	1 st Place	Bad Dog Theatre Improv Competition
2006	1 st Place (Toronto)	Kiwanis Youth Monologue Competition
2006	Person of the Year	TIME Magazine