

SHREYAS GAONKAR

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Objective: Looking for full time in the field of Software Engineering.

EDUCATION

University of Illinois at Chicago

Fall 2014 - 2016

Pursuing Master of Science (Electrical and Computer Engineering)

GPA: 3.67/4.0

Related Coursework: Computer Algorithms, Development of Mobile Apps and Advanced Computer Communication Networks.

Mumbai University, Mumbai, India

June 2010 - August 2014

Bachelor of Engineering (Electronics Engineering)

GPA: 3.55/4.0

Related Coursework: Web Development, Embedded Systems and Front End VLSI Module.

SKILLS

Programming Languages: C, C#, C++, Java, VHDL, Verilog, JavaScript, JQuery, HTML, CSS, SASS, SQL, GitHub, ASP.NET, Bootstrap and (currently learning) Python, Ruby on Rails & AngularJS.

Programming Software: Microsoft Visual Studio, FileZilla, WinSCP, Android Studio, MATLAB & Proteus.

Designing Software: Adobe Suite - Photoshop, Illustrator, Lightroom & After Effects.

Other Software: Microsoft Office Suite – Word, Excel, Access and PowerPoint.

EXPERIENCE

Mote, CollegeLife LLC

Summer 2015 - Fall 2015

Summer Intern – Lead Web Developer

- Leading Web Design and Development team for Mote, CollegeLife LLC.
- Working with HTML, CSS, AngularJS, Bootstrap3, C#, GitHub and Amazon Web Services.
- UX/UI for Mote Mobile App.

College of Medicine, University of Illinois at Chicago

October 2014 - Present

Graduate Student Associate

- Web development (<http://chicago.medicine.uic.edu/>) working on C#, SQL, HTML, JQuery & CSS.
- Adobe Photoshop & Illustrator for designing brochures, banners and logos.
- Maintenance of Office Networks, Printers, Computers etc. and general Office Aid.

ThinkLabs, SINE, IIT-Bombay

January - February 2013

Intern

- Studied in-depth about most common ATmega microcontroller architectures.
- Designed liquid level sensors used in chemical industries to keep the liquids under check.

Chitramandaar.com

February 2013- February 2015

Web Development & Online Presence

- Website design and development
- Managing web traffic, online social media and optimized search engine page rankings.

Website – Design and Maintenance & Live-Streaming

- Implemented Live Stream feed of the annual college festival on College's website.
- Designing and maintaining college annual festival website in HTML and CSS.

CERTIFICATION COURSES**Samefaretaxi Studio, Mumbai**

Fall 2012

Web Design & Development

- Studied web programming languages like C#, HTML, CSS and JQuery.
- Search Engine Optimization - enabling good page rank on the search engines.

Front End VSLI Module, Mumbai

Spring 2013

- Completed the Front End VLSI Module course work with A+ grade.
- Designed and executed Chocolate Vending Machine using various digital system blocks with 8bit ALU design. Features like a basic 8-bit instruction set, extra hardware resources to prevent structural hazards, forwarding & stalling for repetitive data hazards were implemented.

TECHNICAL PAPERS

- Design, Modeling and Implementation of 8-bit processor for Intelligent Automatic Chocolate Vending Machine (AVM) in International Journal of Computer Applications.
(ISBN: 973-93-80880-67-5)
- Easy Go - Automated Toll Collection System using RFID backscattering and Cloud Based Server.
(ISSN 2278-1722)

PROJECTS

- [TCL] Efficiency of TCP-only & UDP-only in terms of Packet loss in a wireless multi hop network.
- [MATLAB] Image Analysis Project II – Face detection and recognition.
- [MATLAB] Image Analysis Project – Image Enhancement and filtering.
- Undergraduate final year project - Automated Toll Collection System (ATCS) with RFID backscattering and Cloud based server.
- Websites designed and maintained –
 - <http://techweekends.in>
 - <http://www.moteliflife.co>
 - www.chicago.medicine.uic.edu
 - www.shreyasg.com
 - www.verve.vit.edu.in
 - www.novelpic.com
- [Verilog] Chocolate Vending Machine.
- [Embedded Systems] Liquid Level Sensor using ATmega microcontroller.
- [Embedded C] Microcontroller Based Morse Code Encoder.
- [Electronics] USB Powered PC lamp with Auto Brightness.
- [Electronics] Clap switch.

COMMUNITY SERVICE

Volunteer at Cancer Patients Aids Association, Mumbai

Fall 2013 – Summer 2014

EXTRA CURRICULAR

- Product Photographer – Amazon India June 2014
- Music Head at Vidyalankar Institute of Technology Fall 2012 – Summer 2013
- Member of IEEE Committee Fall 2011 – Summer 2012
- Plays Guitar and Keyboards.
- Audio and Video Editing.