

SHREYAS GAONKAR

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Objective: Seeking a good Summer Internship opportunity.

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

SKILLS

Programming Languages: C, C#, C++, Java, VHDL, Verilog, JavaScript, JQuery, HTML, CSS, SQL, ASP.net, Bootstrap and (currently learning) Ruby on Rails.

Design and Simulation Software: Microsoft Visual Studio, MATLAB, Proteus and Keil μ Vision.

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

EXPERIENCE

College of Medicine, University of Illinois at Chicago

October 2014 - Present

IT Technical Associate

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

ThinkLabs, SINE, IIT-Bombay, Mumbai

January - February 2013

Summer 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, Mumbai

February 2013- Present

Web Development & Online Presence

- Designing and development of website, managing web traffic and better page rankings.

Vidyalankar Institute of Technology

August 2011 – March 2013

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

Front End VLSI Module, Mumbai

February – April 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.

Samefaretaxi Studio, Mumbai

June – September 2012

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

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

- Image Analysis Project – Image Enhancement and filtering (ECE 415 Coursework)
- Undergraduate final year project - Automated Toll Collection System (ATCS) with RFID backscattering and Cloud based server.
- Websites designed and maintained -
 - www.chicago.medicine.uic.edu
 - www.shreyasg.com
 - www.verve.vit.edu.in
 - www.chitramandaar.com
 - www.novelpic.com
- Chocolate Vending Machine using Verilog (VLSI).
- Liquid Level Sensor using ATmega microcontroller.
- Microcontroller Based Morse Code Encoder.
- USB Powered PC lamp with Auto Brightness.
- Clap switch.

COMMUNITY SERVICE

Volunteer at Cancer Patients Aids Association, Mumbai

Fall 2013 – Summer 2014

EXTRA CURRICULAR

- Music Head at Vidyalankar Institute of Technology
- Plays Guitar and Keyboards.
- Audio and Video Editing.

Fall 2012 – Summer 2013