

SUCHIT SUNDARAM

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SUMMARY Dedicated computer engineering graduate student seeking a full-time position in software product development.

EDUCATION

Syracuse University M.S. in Computer Engineering - (May 2012)	Syracuse, NY CGPA (3.40/4.00)
Jawaharlal Nehru Technological University B.Tech in Computer Science and Engineering - (July 2010)	Hyderabad, India Distinction with 76%

TECHNICAL SKILLS

Programming	
Proficient	: C#, C++, C++/CLI, C, ASP.NET, LINQ, JQuery, Javascript, CSS, HTML, XML.
Intermediate	: Python
Database	
Proficient	: SQL Server
Intermediate	: MySql
Operating Systems	: Windows, Linux
Tools	: Visual Studio 2010, Eclipse, MS-Visio, Redmine.

COURSEWORK Design and analysis of algorithms • Object Oriented Design (C++) • Software Modeling and Analysis (C#) • Internet programming (ASP.NET/C#) • Design Patterns • Operating Systems • Computer Security • Mathematical Basis for Computing.

EXPERIENCE

writeflick.com (Voluntary Summer Intern) - (June 2011 – Oct 2011) **JQuery, C# and ASP.NET**

- Designing and developing the website.
- Worked as a part of a development team to create an extension in Google chrome for annotating and sharing websites.

brandyourself.com (Software Test Intern) - (Oct 2011 – May 2012) **HTML5, CSS3, Redmine**

- Perform manual testing on the websites.
- Worked with development team on debugging the issues using the redmine bug-tracking software.

PROJECTS

Tiny Web Server **Win32, C++, sockets**

- Designed and developed a prototype of a web server supporting basic http features (GET and POST) with the feature of *in-window* tabbed browsing (for HTTP/1.1).

Remote Test Bed **Windows Azure, C#, ASP MVC, WCF**

- Designed and developed the architecture for a test bed that runs a test harness to test a project's code integration and modularity. Tests are conducted based on drivers.
- Designed the ASP MVC client to upload/download files to/from the server through Worker roles

Remote Sniffer **(Windows and Linux) C++/ CLI, sockets**

- Developed a cross-platform remote sniffer to scan either the Windows or Linux platform for new ports, new processes or new files/directories in a given location.

Code Metrics Analyzer **C++, XML**

- Designed and developed a metrics analyzer for parsing C++ source code and giving a detail report of the software metrics such as function cyclomatic complexity, data locality of reference reference density, breadth of control spans, depth of scope nesting, and number of identifiers.

Computer Security **C, Python**

- Worked on exploiting security vulnerabilities such as Buffer overflow, SQL injection, Cross site scripting, and exploring areas such as Web same-origin-policy and Linux capability.

Dependency Graph Facility **C++**

- Created a template based facility to represent the graph structures along with creating the strong components.

Website for Source code Annotation and Publishing **ASP.NET, C#, WPF, WCF**

- Designed a website to support publication, annotation, and browsing of source code for a project baseline along with upload and download.

Payment Services for Cloud Computing **C# and Windows Azure**

- Worked as a part of team in developing a pay per use tool for the Azure Services to calculate the usage of deployed applications on the cloud.