

VISHESH SOOD

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EDUCATION

University of Washington	2012 – 2017
BS in Embedded Systems and HCI	GPA: 3.8
Relevant Courses: Informatics, Electrical-Engineering	

TECHNICAL KNOWLEDGE

Languages:	JAVA, PYTHON, R, SQL, NOSQL, HTML, CSS, C++, C, C#
Technologies:	AWS, RASPBERRY PI, ARDUINO, GIT
Software:	PHOTOSHOP, TERMINAL
Skills:	WEB DEVELOPMENT, SOFTWARE ENGINEERING
Operating Systems:	OS X, IOS, ANDROID, WINDOWS, LINUX

WORK EXPERIENCE

Innovative Gloves Co., Ltd, Bangkok, Thailand	06/2016 – 09/2016
Intern	

- Developed, maintained and regularly updating Innovative's website using HTML5, CSS3 and PHP. Interned over Summer 2016, working on their ERP system to ease use for employees.

ThyssenKrupp Aerospace, NA, Seattle, WA	06/2015 – 09/2015
Software Engineering Intern	

- Programmed in C# and SQL to develop amazing database tables and integrate a Windows tablet application for maintenance scheduling and logging data. Worked on Analytics Tools to produce charts and reports using Visual Studio , automatically exporting to Excel using VBA . Revamped and helped redesign Enterprise Resource Planning (ERP) to combine all new tools.

PROJECT

POKER COMPUTER (Java AI)

- Using Java, I developed a program that knows how to play poker, and I am currently researching methods to integrate artificial intelligence for it to learn from past plays. Currently implemented using Hash Maps but still improving implementation.

ARDUINO ROOM CONTROLS (Arduino Sensors Smart Home)

- Developed an Arduino based system that controls lighting and curtains to balance light in my bedroom. Uses light sensors to compare light intensity in the room and outside to determine whetherto turn on lights or open curtains. Looking to expand to have motion sensors to determine whether anyone is in the room to have lights on or not.