

PRAAKRIT PRADHAN

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Education

University of Cincinnati, Cincinnati, OH
Computer Engineering, B.S.
Computer Science, M.S.

May 2017
GPA: 3.5

Related Courses

Adv. Data Structures and Algorithms (C++)
Digital Design (Verilog)
Network Analysis & Electronics

Engineering Models (MATLAB)
Software Engineering (Android Studio)
Embedded Systems (Assembly + PBASIC)

Computer Knowledge

Operating Systems:

Linux (Ubuntu), Windows OS, Mac OS

Computer Languages:

C++, Java, MATLAB, Assembly, C#, JavaScript

Application Software:

Visual Studio, X-code, Android Studio, Arduino

Hardware Design/Simulation:

Verilog, B2Spice, Logisim

Web:

HTML5, CSS, PHP, AWS, Docker, GoogleApp engine

Professional Experiences

Internship (CO-OP), Gates Air – Mason, OH

March 2015 – May 2015

- Dealt with fields and operators in IP link transmitter web GUI
- Created functions for Buffer Speed calculations and Buffer setup
- Calculated network Lag/Jitter
- Setup test cases using WireShark, Shunra and other software tools

Internship (CO-OP), Gates Air – Mason, OH

June 2014 – Aug 2014

- Worked on Project N+1
- Utilized C programming language and the CodeWarrior environment
- Managed data parsing (XML) and memory location
- Used Flash for data storage over EEPROM

Internship (CO-OP), Harris Broadcast – Mason, OH

Sept 2013 – Dec 2013

- Maintained website for the Low-Power Fax Transmitters

Internship, Easy Power LLC – Gladstone, OR

May 2012 – Aug 2012

- Wrote code that performed quality control for Easy Power software

Journalist, ECS Media – Jhamsikhel, Nepal

July 2009 – May 2010

- Published monthly reviews on latest gadgets

Scholarships and Awards

UC Global Scholarship, University of Cincinnati, Cincinnati, OH

Aug 2012

Gold Medalist, UNDP's presentation competition

Sept 2010

Membership and Activities

University of Cincinnati:

Software Engineering

May 2015

- Developed Whaddup a mobile application
- App allows student clubs to organize and broadcast events
- Utilized Parse for database management.

Engineering Models

April 2013

- Developed Chess game using MATLAB
- Created a GUI using MATLAB that helps users with Calculus II

College of Engineering and Applied Science Tribunal

Jan 2013

The British School:

The Toast Masters' Club

Aug 2011