

KRIS SCOTT

about

Qualifications M.Sc. Electrical and Computer Engineering
B.Tech. Electronics Engineering Technology
Electronics Engineering Technologist

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goals

Technical Gain an end-to-end understanding of technology from hardware to software

Personal Solve real-world problems and improve the lives of others using technology

skills

Technical Rich web app development using HTML5 standards
Software development for mobile and desktop, especially Cocoa and Java platforms
Embedded software development in C and Assembly, especially for Microchip PIC and Arduino platforms, with additional experience in 8051 and ARM
Circuit design and testing, including analog systems and RF
Hardware design experience in VHDL and Verilog for FPGA, CPLD, and ASIC targets

Personal Independent, self-motivated production
Working effectively within small and large teams
Participating in cross-disciplinary collaboration
Excellent interpersonal communication abilities

achievements

Academic Two peer-reviewed journal papers
One international conference publication
Sessional university teaching experience

Community Co-founding of Ohm Base, a community hackerspace in Thunder Bay, ON

Entrepreneurial Co-founding of software development companies in medical and consumer fields

experience

Company Qwantech

Timeline January 2011 - Present

Position Developer

Duties Working with a team to develop state-of-the-art enterprise and consumer software
Establishing new technologies and systems for rapid software development
Completing development to client specifications and requirements, as a part of an overall system

Experience Systems integration and development with multiple programming environments
Experience with languages including: Lua, Javascript, C, Objective-C, C++, C#, Java

Company Lakehead University

Timeline August 2011 - September 2011

Position Sessional Instructor

Duties Building a comprehensive third-year university course syllabus
Preparing lectures and lesson plans
Creating midterm tests and final exams
Lecturing to a class of approximately 70 students

Experience Reviewing and expanding personal knowledge in basic and intermediate electronics
Leading a moderately-sized group of students in a lecture environment

Company Idaios

Timeline September 2010 - Present

Position Owner-Developer

Duties Developing modern software and web products for clients
Creating quotations, invoices, and work contracts for contract work
Meeting with clients to assess work, refine requirements, and direct development

Experience Modern HTML5 CSS3 Javascript web application development

Company Bitcold Technology Inc.

Timeline September 2009 - January 2012

Position Chief Technology Officer, Co-Lead Developer

Duties Driving technological decisions and implementations
Presenting ideas to the Board of Directors
Developing prototypes and production implementations

Experience Java programming for the Eclipse Platform
Cocoa Objective-C development for the mobile iPad platform
HTML5 and Javascript development for the Web Platform

education

School Lakehead University

Program Master of Science in Electrical and Computer Engineering

Timeline September 2007 - September 2009

Focus Context-aware computing, specifically for educational environments

School RCC Institute of Technology

Program Bachelor of Technology, Electronics Engineering Technology
Electronics Engineering Technologist

Timeline September 2004 - May 2007

Focus Hardware and embedded software development for consumer applications

interests

In Field Modifying and building electronic devices and computer systems
Keeping up with the latest in consumer electronics, devices, and web technologies

Out Of Field Musical instruments, with particular interest and experience in the ukulele
Photography, with 5+ years of amateur experience
Curling as a part of a recreational league

references

Available upon request

