

ROHAN THOMAS

VANCOUVER, B.C. | www.sfu.ca/~rohant/
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EDUCATION

SIMON FRASER UNIVERSITY
BASC IN COMPUTER ENGINEERING
Completing April 2017
Burnaby, B.C. | Canada

LINKS

Github:// [rohan-thomas](#)
LinkedIn:// [rohanthom](#)

COURSES

Database Systems
Operating Systems
Software Engineering I
Data Structures and Programming
Embedded Real Time System Software
Assembly Language Programming
Visual Communication Design
VLSI Design
Engineering Capstone

PERSONAL PROJECTS

iOS 10 & Swift 3 (Udemy)
Frontend Development
Learning JS Frameworks
Ruby Development

SKILLS

PROGRAMMING

Languages:
C/C++ • Python • Flask/Django
Swift • HTML • CSS • JavaScript
Matlab • SQL • Scripting
OS & IDEs:
Linux • Macintosh • Windows
Visual Studio • Xcode • Eclipse
Other:
Git • Agile • VirtualBox/VMWare
MongoDB • Hadoop • Adobe CC

TRANSFERABLE

Leadership • Management
Written/Verbal Communication
Team Player • Start-up Thinker

INTERESTS

Start-ups • Machine Learning
Analytics • Hockey • Football
Photography • Guitar • Drums

EXPERIENCE

TELUS | TECHNOLOGY ARCHITECTURE Co-OP II FULL-STACK DEVELOPMENT

Sept 2016 – Dec 2016 | Vancouver, BC

- Developed an internal PM intelligence tool (Tech Scan) in a start-up environment (Team of 3) for executives at TELUS
- Developed and tested the application's frontend, backend and database using Jinja2, Python-Flask, and MongoDB respectively.
- The main contributor to the project documentation and user guide
- Completed the PoC on December 23rd, 2016. Was presented to upper-level management in February 2017 and was approved for further development.

TELUS | TECHNOLOGY ARCHITECTURE Co-OP I BIG DATA ANALYTICS

May 2016 – Aug 2016 | Vancouver, BC

- Set-up and installed the Red-hat enterprise OS on idle servers in Rimouski, Quebec
- Created data clusters from servers using Hadoop, thus increased the total dataflow capability within TELUS
- Maintained and monitored the performance of the data center

OPTUMPLUS CONSULTING | CAD & GRAPHIC DESIGNER

Sept 2005 – Apr 2015 | Maple Ridge, BC

- Edited CAD drawings for government engineering projects
- Helped play a vital role in the design team's marketing plans
- Designed and created corporate documents used for marketing services

RESEARCH

SFU CMOS LAB | HEAD RESEARCH ENGINEER

May 2015 – Sept 2015 | Burnaby, BC

Led and managed a team of three hardware engineers with the supervision of Dr. Glenn Chapman. Developed a pixel analysis tool & GUI using Matlab to identify single event upsets and hot pixels in cameras (DSLRs and Cell-phones). Co-authored three IEEE conference papers.

AWARDS

2015 NSERC USRA National Research Award
2013 SFU Summit Scholarship Year 2
2012 SFU Summit Scholarship Year 1

COMMUNITY INVOLVEMENT

GRACE NEW COVENANT PENTECOSTAL CHURCH | VOLUNTEER

Nov 2002 – Present | Vancouver, BC

- Active Church Musician – Vocals, Acoustic Guitar, and Drums
- Public Address Assistant – Involved in the set-up of musical and PA equipment
- Outreach Ministries – Ministering at the Union Gospel Missions and Finnish Manor Nursing Home