Sujay Vetri

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EDUCATION

CARNEGIE MELLON UNIVERSITY
Master of Information Systems Management
Expected Dec 2017

NIT, TRICHY
B.Tech in Computer Science and Engineering
May 2016
Cum. GPA: 8.02 / 10.0
Junior Year GPA: 8.86 / 10.0

COURSEWORK

UNDERGRADUATE
Operating Systems
Computer Networks
Distributed Computing
Database Management Systems
Software Engineering
Systems Programming
Principles of Compiler Design
Automata and Formal Languages
Computer Organization and Architecture
Microprocessor Systems
Information Security
Data Structures
Introduction to Algorithms
Design and Analysis of Parallel Algorithms
Discrete Mathematics
Introduction to Probability Theory
Combinatorics and Graph Theory

PROGRAMMING

PROGRAMMING LANGUAGES:
C • C++ • Java • Python
R • JavaScript • Assembly

MOBILE PLATFORMS:
Android

DATABASE MANAGEMENT:
SQL • SQLite

APPLICATIONS

GOOGLE PLAY
Attendance Recorder • E-Cell, NIT Trichy
Pragyan '15 • Pragyan '14
Festember '13

RESEARCH

RESEARCH INTERN, NIT TRICHY | Under Prof. S Jaya Nirmala
Dept. of CSE - NIT, Trichy
Worked in the areas of cloud computing and heuristic search optimization. Developed a modified Particle Swarm Optimization algorithm with genetic operators to schedule tasks on the cloud with minimized total execution cost.

EXPERIENCE

FIDELITY INVESTMENTS | Software Engineering Intern
May 2015 – July 2015
- Worked in the Data Organization business unit
- Involved in data visualization and analysis projects

AZUYO SOFTWARE R&D | Application Development Intern
December 2013 – February 2014
- Successfully developed the WHAM (What's Happening Around Me) Android application as per schedule
- Application alerts potential customers of retail discounts in nearby areas using the GPS location of the user's mobile device

DELTA FORCE | Content Head & Mobile Application Developer
August 2013 - Present
- Content Head at the elite software development club of NIT Trichy
- Developed several applications for college related activities
- Founded Special Interest Group for Mobile Cloud Computing

SELECTED PROJECTS

MOBILE APPLICATIONS FOR INTERNATIONAL COLLEGE FESTIVALS | play.google.com/festember /pragyan
Pragyan (Tech Fest) and Festember (Cultural Fest)
Developed the official mobile applications along with a team of student developers. Applications have 3000+ downloads on the Google Play Store.

ATTENDANCE MANAGER | github/SVetri/Attendance_Manager
Designed and developed an Android application that tracks the user's attendance in a representative based system. Built to accommodate impromptu changes in schedule and courses that often occur in college.

AWARDS

2015	Recipient of the National SPDC Merit Scholarship from EdCIL

LEADERSHIP

2015	Manager	Entrepreneurship Cell, NIT Trichy
2015	Manager	Web Operations, Festember (Int'l Cultural Festival)
2015	Manager	Web Operations, Pragyan (Int'l Tech Festival)
2014	Deputy Manager	Festember Publicity Team
2012	House Captain	National Public School