

RAMKI RAVICHANDRAN

Personal Data

Place and Date of Birth: Chennai, India | 25 July 1993
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Graduation Month: December 2018.

Course Subjects:

Intermediate Knowledge: Cryptography, Developing Secure Systems, Network Security, Database Management, Security Management and Computer Forensics, Algorithms, Web-Technology and Standards, Information System Design and Analysis, Social Computing.

Independent Study (Research Work): Cyber-Physical Systems (Security in IOT devices).

Fields of Interests:

Banking and Finance, Health Care, E-Commerce, Supply Chain Management.

Subjects of Interests:

Database Security, Network Security, Forensics, Secure App Development, Web Designing (Full-Stack Development), Block-Chain.

Work Experience:

Utopi.io Pittsburgh, U.S.A Internship May'18 - Aug'18

Application Development Team

Roles: 1. Market Research on live streaming applications and the technology behind it.

Cargill Business Services Bengaluru, India Analyst Jul'15 - Jul'17

Supply Chain Planning Team

Roles: 1. Design and development of an interface for ETL using SAP Cloud Platform for Data Services. 2. Technical support for SAP Integrated Business Planning.

Cerner Corporation Bengaluru, India Internship Dec'14 - Apr'15

Roles: 1. Frontend development for "Healthe Intent Registries", a website created using Ruby Framework to support storage and retrieval of patient's electronic health records.

Metayage IP Strategy consulting LLP Coimbatore, India Internship Dec'13 - May'14

Roles: 1. Full stack development for "Docketing Software", a website created to manage all the Intellectual Property (IP) owned by the company's clients with the build in color coded alert system to warn IP's status.

Education:

Master of Science in Information Science Specialization: Information Security Aug'17 - Present

University of Pittsburgh, Pittsburgh, P.A.

GPA: 3.9/4

Projects: 1." Secure- Medical Collaborative Communication Framework" - an Android application-based platform for doctors to interact with patients and other doctors. 2." An Interface for Teaching Assistants"- a website developed for the School of Computer Science using which teaching assistants can grade Java programs submitted by students.

Undergraduate in Information Technology Jul'11 - Apr'15

PSG College of Technology, Coimbatore, India

Projects: 1." Asset Management Software"- a website created for keeping track of the Information Technology Department's Lab equipment

2." Invadurz2k'14" – a website created for promoting inter-department events.

CGPA: 8.83/10

Computer Skills

Basic Knowledge: C, C++, Android, Draw.io, Ajax, JQuery.

Intermediate Knowledge: HTML, CSS, PHP, MySQL, Java, JavaScript, Excel, Word, PowerPoint.