

Gyanendra Mishra

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EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE

BE IN COMPUTER SCIENCE

Expected July 2017 | Pilani, Rajasthan

Cum. GPA: 7.76

ARMY PUBLIC SCHOOL PUNE

Grad. May 2013 | Pune, India

LINKS

Github:// [h4ck3rk3y](#)

LinkedIn:// [mishragyanendra](#)

Twitter:// [@_gyani_](#)

Quora:// [Gyanendra-Mishra](#)

COURSEWORK

UNDERGRADUATE

Information Retrieval

Machine Learning

Operating Systems

Cryptography

Network Security

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Lua • Java • C

Over 1000 lines:

C++ • JavaScript • PHP

Familiar:

Assembly • Android Programming •

MySQL • MongoDB

FRAMEWORKS

Proficient

Django • Spring

Familiar

Flask

EXPERIENCE

ITRUST CENTER FOR CYBER SECURITY | RESEARCH ASSISTANT

Jan 2017 - Present | Singapore

- Conducting research on the security of Cyber Physical Systems
- Developed tools to attack the in house Water Distribution Testbed

DIRECTI | SOFTWARE ENGINEERING INTERN

May 2016 – July 2016 | Mumbai, IN

- Studied penetration test reports of the Orderbox Platform given by consultants and patched the vulnerabilities found
- Conducted tests with Burp Suite to ensure that vulnerabilities reported don't exist elsewhere in the application and enhanced the overall security of the web application

NMAP SECURITY SCANNER | WEB SCANNING SPECIALIST

May 2015 – Aug 2015 | New Delhi, India

- Nmap Security Scanner is the leading port scanning tool used by security professionals and network administrators across the globe
- Implemented several scripts and libraries for the Nmap Scripting Engine aimed at fingerprinting, detection and exploitation of web applications, successfully completing Google Summer of Code 2015

INDIAN RED CROSS SOCIETY NATIONAL HQ | VOLUNTEER

May 2015 – July 2015 | New Delhi, India

- Spearheaded the development of a LAMP based back end of a resource management portal that helped track and deploy first medical responders

SIDE PROJECTS

COMPILER IN C Jan 2016 - Apr 2016

- Implemented a compiler in C to compile a toy language to NASM it included a lexer, parser, semantic analyzer, type checker and code generator

REVMINE Jan 2016 – March 2016

- Engineered RevMine, a review mining framework that tells you what features of a particular product are being talked about and how they rate
- Released the extension on Chrome Web Store

ROUTERUSH Jan 2016 – Mar 2016

- Developed a budget based randomized itinerary creator that creates around the world trip itineraries almost instantly
- Several APIs like Google Maps API, Rome2Rio API, Google Places API were used to create the application on top of the Django Framework *hello*

AWARDS

2016 108th /3000

2016 4th

2016 4th

2016 22nd /400

2015 Selected among 6000 other applicants

2013 2nd

Google APAC Round A 2016

IndiaHacks, Online Commerce

IndiaHacks, Travel and Transport

Microsoft Build The Shield, India

Google Summer of Code 2015

NDTV Tech Grandmasters