MANOJ KUMAR

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EDUCATION

2014 – Present	**National Institute of Technology, Hamirpur**	**CGPA: 8.21/10**

- Bachelors in Computer Science and optional neural networks, fuzzy logic design & nuclear physics. Coursework included artificial intelligence, design and analysis of algorithms, compiler design, advanced operating system concepts.

2012 – 2014	**Vashistt Public CBSE School, Una**	**Score: 92.4/100**

- Senior Secondary Education in science mathematics, in central board curriculum.

WORK EXPERIENCE

5/2017 – 7/2017   **Cogoport Freight:** Full Stack Web Intern

- Directly worked under CTO to provide analytics of user activity on the platform - investigating problems in placing orders & generating bids.
- Worked on admin portal for search & filter options user bids, organizations, >300k port pairs with the sales team.
- Added air schedules of Cathy Pacific & Turkish Cargos on > 4000 ports.

2/2017 – 3/2017   **JQuery Foundation:** QUnit Maintenance Contributor

- Revised old code of asserting functions, reduced code size to 15% of original in the library.

12/2016 – 1/2017   **Winuall:** Backend Intern

- Developed from scratch an e-commerce platform backend JSON API of >50 GET, >15 PUT & POST routes with features of adding user-specific coupons, categorical discounts, special discounts.

PROJECTS

9/2017 – Present   Document Search Engine

- Developed document search engine for Gutenberg books performed key-phrase extraction, index building on data query spell correction, expansion and scoring using text rank algorithm.

10/2016 – 11/2016   Neural Image Classifier

- Used decision tree machine learning model to classify images of flowers according to their name – experiment performed over 3 species resulted in ~95% accuracy.

3/2016 – 4/2106   Homomorphic Encryption Calculator

- In a homomorphic encryption, environment performed simple calculator operations to demonstrate, its applications.

9/2015 – 11/2015   C++ Games

- Developed 2 games – Mars Wars, Snake won the 2nd award in software development contest of college. Mars wars had 3 different scenes & gameplay with 5 difficulty levels, Snake game had 5 different fruits.

SKILLS

Programming Paradigm: C/C++, Python, JavaScript

CAMPUS ACTIVITIES

- Software Freedom Day 2016 facilitated Linux Installation fest in college where more than 150 Linux installations of 14 different Linux operating system got installed.
- Organized Linux command line workshop & college hackathon with >100 participants.