

Naman Patwari

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EDUCATION

PURDUE UNIVERSITY

BS/MS IN COMPUTER SCIENCE

Expected May 2019

GPA: 3.5 / 4.0

CERTIFICATE IN ENTREPRENEURSHIP
AND INNOVATION

SKILLS

PROGRAMMING

Core Skills

Java • C++ • Python • C

Familiar:

Go • Javascript • Assembly • HTML/CSS

TECHNOLOGIES USED

AWS • Azure • Git

Docker/Containerization • ML models

MySQL • NoSQL • Blockchain

OTHER

System architecture • Design patterns

Public speaking • Communication

Agile Business Process Management

COURSEWORK

COMPUTER SCIENCE

Analysis of Algorithms

Computer Architecture

Crowdsourcing

Cryptography

Data Mining & Machine Learning

Embedded Systems

Information Security

Internetworking

Intro to Artificial Intelligence

Operating Systems

Relational Databases Systems

Scheduling in Computer Systems

RELEVANT

Consulting for Emerging Enterprise

Management for Entrepreneurs

Principles of Economics

Principles of Persuasion

LINKS

Github:// [thenamanpat](#)

LinkedIn:// [thenamanpat](#)

PROFESSIONAL EXPERIENCE

MICROSOFT | PROGRAM MANAGER INTERN @ WDG IS

June 2018 – August 2018 | Redmond, WA

- Collected data mainly through 50+ interviews to understand process workflow and communication patterns of entire organization of 300+ employees
- Proposed new metrics to calculate engagement and gauge impact of processes

AMAZON | SOFTWARE ENGINEERING INTERN @ CATALOG DATAWORKS

May 2017 – July 2017 | Cupertino, CA

- Designed a generic platform to ingest, process and store log files in real time
- Implemented API controllers that allocate required AWS services on demand

BLOOMBERG LP | SOFTWARE ENGINEERING INTERN @ BLOOMBERG FOUNDATIONAL SEARCH (BFS)

May 2016 - July 2016 | New York, NY

- Containerized Jenkins to facilitate fast deployment by distributing workload
- Containerized BFS's custom Solr packages to pave way for smart orchestration

RELEVANT PROJECTS/EXPERIENCE

TEACHING ASSISTANT | PURDUE UNIVERSITY

August 2016 - Present

- **Competitive Programming**
 - Presented weekly lectures and organized competitions to hone CP skills
 - Class size grew from 20 to 90 within 2 semesters due to increasing popularity
- **Advanced Languages (C++/Java/Python)**
 - Built a bidding-style project listing website in Python for Purdue in partnership with IBM

RESEARCH ASSISTANT | PURDUE UNIVERSITY

January 2017 - December 2017

- Big Data Management
- Using NLP to verify integrity of political discourse

HOPE HELPING HAND | DURGAPUR, INDIA

November 2013 - July 2014

<https://github.com/thenamanpat/Hope-Helping-Hand>

- Designed and implemented teaching software with interactive games that helps the children learn faster
- Taught at a school for mentally challenged children to understand effective teaching methods
- Replaced traditional use of flashcards to reduce workload of teachers

LEADERSHIP ROLES

PURDUE NORML

President | January 2017 - March 2018 ; VP | August 2015 - December 2016

- Managed a board of 15 students to organize weekly meetings and outreach events like **Relay for Life** and **Not that kind of Bake Sale**

ENTREPRENEURIAL VENTURES

FoxMeet - A smart app to schedule group meetings

Tutelage - Find private tutors around you