

# Naman Patwari

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## EDUCATION

### PURDUE UNIVERSITY

BS/MS IN COMPUTER SCIENCE

Expected May 2019

Grad. GPA: 3.1 / 4.0

Undergrad 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

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