

# Prantar Bhowmik

Toronto, Ontario · (519) 265-7741 · prantar.bhowmik@mail.utoronto.ca

GITHUB [github.com/bhowmikp](https://github.com/bhowmikp) · PORTFOLIO [www.prantar.me](http://www.prantar.me) · LINKEDIN [linkedin.com/in/Prantar](https://www.linkedin.com/in/Prantar)

## EDUCATION

University of Toronto  
Toronto, Ontario  
Bachelor of Science  
Expected class of 2019

## COURSEWORK

Discrete Mathematics  
Linear Algebra  
Calculus for Mathematical Science  
Theory of Computation  
Software Design  
Software Tools and Systems  
Programming

## SKILL SET

### Proficient:

Java, C++, HTML, CSS, JavaScript,  
Python, PHP, Bash

### Knowledgeable:

Source control, RESTful API,  
Algorithms, Data Structures, Agile  
Development, Software  
Development Patterns

## AWARDS

### 3<sup>rd</sup> Place: FinanceHacks

University of Toronto  
January 2016

- Made website which scans a product barcode and informs user of environmental cost
- Used: HTML, CSS, Python, Git, Bloomberg API

## EXPERIENCE

### TEACHING ASSISTANT

University of Toronto

Toronto, ON

2016 to Present

- Taught CSCA08 (Intro to Computer Science I) about fundamental programming concepts such as – conditional statements, loops, and Object-Oriented Programming to a group of over 30 students
- Posted tutorial materials on personal website, invigilated exams, participated actively in course Piazza forum, and held office hours and seminars to facilitate learning and address concerns

### I.T. ASSISTANT

St. Joseph's Health Center

Guelph, ON

2013 to 2013

- Set up and troubleshoot hardware/software problems and reduced downtime by over 5% for multiple users
- Wiped and imaged multiple obsolete computers and connected them to the company's primary servers
- Communicated with co-workers to solve problems and to prevent future occurrences both remotely and through in-person meetings

## PROJECTS

### PRANTAR.ME CHROME EXTENSION

2016

- Checks and informs users of any recent updates to personal site
- Used HTML, JavaScript, JSON, and became familiar with the Chrome API

### PI TEMPERATURE

2016

- Records the temperature of the board of the Raspberry Pi
- Used Bash to get the time, Pi temperature and record the data

### LINGO

2013

- A single player/multiplayer game consisting of several mini-games
- Created in Java using the Java Swing GUI framework

## LEADERSHIP

### COMPUTER SCIENCE ENRICHMENT CLUB

University of Toronto

System Administrator, Lecturer, Co-founder

2016

- Managed the back-end of the club's website
- Created solution code to some of the questions presented to the club members in order to provide a guide to solving problems
- Taught a group of over 200 University students competitive programming concepts in C++

### ASSOCIATION OF MATH AND CS STUDENTS

University of Toronto

Executive member

2016

- Organized events ranging from review seminars to gaming nights
- Helped explain key computer science topics to students in need