

BISHAL REGMI

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 Beeshall

 Beeshall

 <https://beeshall.github.io>

EDUCATION

Ramapo College of New Jersey

Bachelor of Science

Major: Computer Science Minor: Mathematics

Mahwah, New Jersey

Expected, May 2018

PROGRAMMING SKILLS

Languages: C/C++, C#, Java, JavaScript, Common LISP, Python, x86Assembly, HTML, CSS, Visual Basic

Frameworks: Android, Node.js, Angular, Express, Flask, jQuery, Jade, Less, Bootstrap, React

Databases: XML, SQL, MongoDB

EXPERIENCES

Prudential Financial, Individual Life Insurance | *Software Engineer Intern/Part-time (Front-end)* | Jun 2017-present

Wrote a support console application for "Lively by Prudential" using the MEAN stack the lets business access and update application case details. Supporting in writing Angular application for upcoming Prudential products.

United Parcel Service, Integration Competency Center | *Integration Application Developer Coop* | May 2016-May 2018

Built integration applications to manipulate data and provided support to application teams in developing similar tools.

Ramapo College Information Technologies Services | *Computer Technician/Lab & HelpDesk Assistant* | Feb 2015-present

Provided technical support on phone and in person to faculty, staff and students.

PROJECTS

Markovsky: A music producing program (Winner of HackRU Spring 2016) | April 2016

A music writing program made using MongoDB and Hidden Markov Chains to analyze and imitate harmonic trends across artists, genres, and eras, writes music based on these trends and exports it straight to MIDI.

Ava: A medication tracking App (2nd place at LehighHacks Fall 2016) | December 2016

A Python server application with Android client that can scan your medical prescriptions and keep track of it to remind you to take them and also send text notifications to your emergency contacts in case of medical emergencies.

Nora : A master wishlist (HackRU Fall 2016) | October 2016

A Flask/Android app to manage wishlist by texting picture (Twillio) which finds the item (Google Vision) and its details(Amazon Product Advertising) and checks its against your bank account(Capital One Nessesie) to help you evaluate if its a right buy.

Ishido : A board game | March 2016

An Android board game application that can be played against computer where the computer uses AI algorithms like minmax search with/without alpha beta pruning to make the move.

Letter Scanner: A LeJOS application | April 2016

A board scanning Java application for LEGO Mindstorms EV3 robot that scans the pixels on a grid to recognize the letter drawn on the board, based on the given rule base using forward search and backward search.

RESEARCH

Problets| Dr. Amruth Kumar | School of Theoretical and Applied Sciences | Ramapo College | June 2017-present

Worked on data mining and clustering with data generated from the [Problets project](#) to apply them to the fitting curve for learning curve analysis.

RELEVANT COURSEWORK

- Assembly Language
- Data Structures
- .NET Environment
- Operating Systems
- Database Design
- Network Programming
- Artificial Intelligence
- The UNIX Environment
- Web Apps Development
- Software Design
- Robotics
- Discrete Structures
- Multivariable Calculus
- Differential Equations
- Linear Algebra
- Modern Cryptography
- Organization of Programming Languages

HONORS, AWARDS AND ACHIEVEMENTS

- Presidential Scholar, Ramapo College of New Jersey
- 2016 Ramapo Book Prize Award, Academic Excellence, School of Theoretical and Applied Science
- 1st Place/Best use of MongoDB : HackRU Spring 2016, Rutgers University, New Brunswick NJ
- 2nd Place/Best Medical Hack by Knowledgegent : LehighHacks Fall 2016, Lehigh University, Bethlehem PA
- 2nd Place : HackHunterdon 2017, Flemington, NJ
- Best use of MongoDB/ Capital One Nessesie : HackRU Fall 2016, Rutgers University, New Brunswick NJ
- 11th position: 2015 ACM ICPC, Greater New York 2015
- Best Use of Mashery API : HACKRU,2014, Rutgers University, New Brunswick NJ

LEADERSHIP POSITIONS

- Vice President | Computer/Technology Club, Ramapo College of NJ | Fall 2015-Fall 2016
- Vice President | Pi Mu Epsilon Mathematical Honors Society, Ramapo College | Spring 2017-present
- Vice President | Bischoff Residence Hall Council | Fall 2014
- Member, Association of Computing Machinery, May 2016-June 2017