Puyush Goel

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Education

Virginia Tech
- Class of 2019
- Major: Computer Science, B.S.
- In Major GPA: 3.6

Involvement

Hackers @VT
Co- Hacker Chair
Fall '16 - Present

CodePath University
Student Leader
Fall '16 - Fall'18

Programming Team
ACM-ICPC Member
Fall '16 - Present

VT Hacks
UX Designer
Fall '16 - Fall'18

Skills

Coding:

Java
C/C#
Python/flask/ML
kotlin
HTML/CSS/ JavaScript/React

Software

Android Studio, Eclipse
Git, Linux, Unity, TensorFlow
Visual Studio

Work Experience

Microsoft Software Engineering Intern
05/2018 - 8/2018
- Worked on Dynamics 365 APIs to expose the Common Data Services(CDS) layers, and dependency graphs on the ALM Solution Team using C#, HTML, and JS.

Facebook Software Engineering Intern
01/2018 - 04/2018
- Streamlined the debugging process for Android News Feed Team by visualizing GraphQL data.
- Added React components to Sonar using the Flux architecture

Mobile Development (CS 3714) TA, Virginia Tech
01/17 – 01/18
- Teached Android Development with wear/mobile to students taking the class.
- Supported students with fundamentals knowledge for Android, providing evaluations and feedback for optimal user interactions.

Bank of America Software Engineering Intern
06/17 – 08/17
- Developed a dev tool for other developer that allows them to manage their current VM machines. Developed with JS, HTML, and CSS, and C# using the .Net MVC framework. Wrote Web Services, Stored Procedure with SQL, and worked with BEC

General Dynamics Mission System, Software Engineering Intern
05/16 – 08/16
- Worked on TRAP (TSA Contract) project to enhance airport security and reduce airport threats using facial tracking
- Increased data flow with Derby and DDS for active interactions between server, agents, and clients/ Enhanced multi-threading in Maven / JavaFX Ap
- Designed GUI for 2D and 3D simulation managers, applying data structures for real and virtual data

Projects

TA-Tips
Android Developer | Summer 2017 - Present

Taking the problem of students struggling with college assigments (assignment can be tough not everyone can go to a TA) decided to make TA-Tips to allow students to post details about their assignments and get a personal tutor to help them

Music-Analyzer
Python, Data Visualization | Spring 2017

Decided to analyze top 100 songs for every year to find out the popular chord progression and see how it changed over the last 10 years. This would allow people to make popular songs following a similar chord progression and have a higher chance of making a hit song