{ Koushik Krishnan }

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// Education

Georgia Institute of Technology Honors Program Class of 2018   5/2018
Atlanta, GA

- # Bachelors of Science in Computer Science

// Skills

- # Languages: Java, PHP, Bash, JavaScript, RobotC, MySQL
- # Frameworks: Dojo, Symphony2, Yii, TheIntern.io
- # Concepts: Model-View-Controller, Asynchronous Module Definition

// Experience

Undergraduate Student Researcher with Dr. Amy Bruckman   8/2014 –
Atlanta, GA

- # Technical lead on automated testing and web development for the research team
- # Implemented an automated PHP testing framework

Software Engineer Intern, GenomeQuest Inc.   Summer 2014
Westborough, MA

- # Implemented an automated testing framework to run unit and functional tests with Selenium RC or SauceLabs for JavaScript code
- # Wrote a lengthy BASH script to install/configure/run all testing software

Web Developer Intern, Qbrik Information Technologies Ltd   Summer 2013
Chennai, India

- # Implemented a third-party PHP mailer client to read MySQL databases and send email notifications to customers automatically

// Projects

3D Lindenmayer System Fractal Generator

- # Written in Java + Processing
- # User sets parameters for an L-system fractal in 3 dimensions to view it

Twitch IRC Chat Listener for Raspberry Pi (MHacks)

- # Written in Java
- # Program listens to a Twitch IRC chat feed. Reads messages in real time and sends them over a socket to a server running on an RPi

"Smart Ecommerce" Prediction Engine (www.mmmyep.com) (HackMIT)

- # Written in PHP
- # Wrote the backend algorithm for a comical website that suggests products to buy based on how much money the user is willing to spend