Meha Goyal Kumar

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY	**MAY 2020**
Candidate for Bachelor of Science in Computer Science and Minor in Spanish	Atlanta, GA
Current GPA: 3.96/4.00	

SKILLS

PROGRAMMING:	Java, C, C#, Python, JavaScript, MATLAB, HTML/CSS
TECHNICAL:	git, SVN, ASP.NET, Android Development Studio, Agile Development

EXPERIENCE

JDA SOFTWARE, SOFTWARE ENGINEERING INTERN — **MAY 2018-AUG 2018**, Roswell, GA
- Designed and coded new software architecture for RESTful APIs in C# backend code
- Wrote unit tests, integration tests, and automated UI tests for deployed code

UNDERGRADUATE RESEARCH, MSE RESEARCH SCHOLARS PROGRAM — **JAN 2017-DEC 2017**, Atlanta, GA
- Studied Advanced High Strength Steels (AHSS) across various strain rates
- Analyzed data using MATLAB and Excel and presented findings at a poster session

IDEA TO PROTOTYPE — **AUG 2017-DEC 2017**, Atlanta, GA
- Enabled intuitive interaction with 3D software for engineers and artists
- Developed software in Python, explored networking with Raspberry Pi

HARDWARE HACKATHON, BEST DESIGN AWARD — **APRIL 2017**, Atlanta, GA
- Built a touch-sensitive map of campus to teach Dijkstra's Algorithm using Arduino
- Designed a graph of campus using Inkscape and laser cut from acrylic

WOMEN'S TECHNOLOGY PROGRAM AT MIT FINAL PROJECTS — **JULY 2015**, Cambridge, MA
- Coded the video game Tetris in Python using object-oriented programming
- Built an electric motor from scratch in two days with a partner

LEADERSHIP

COLLEGE OF COMPUTING, SENIOR TEACHING ASSISTANT — **JAN 2017-PRESENT**, Atlanta, GA
- Taught recitations on MATLAB coding and introductory computer science
- Managed a team of 20 people to create and edit exams

THEGIRLCODEPROJECT, LECTURER AND MENTOR — **JAN 2017- AUG 2017**, Atlanta, GA
- Taught middle school girls introductory computer science and coding
- Mentored girls through designing a STEM-themed video game in Python

AWARDS AND HONORS

MSE RESEARCH SCHOLARSHIP, MERIT-BASED	**JAN 2017**
PPD SCHOLARSHIP, MERIT-BASED	**AUG 2016-PRESENT**
SOCIETY OF AMERICAN MILITARY ENGINEERS SCHOLARSHIP, MERIT-BASED	**AUG 2016**
ENGINEERING AND TECHNICAL SCIENCE ACHIEVEMENT SCHOLARSHIP, MERIT-BASED	**JAN 2018**