

# PAUL HANSA

SOFTWARE ENGINEER

## EXPERIENCE

Dec 2017 -  
Present

### SIMPLEPART Web Application Developer

- Developed proprietary solutions for identifying and storing data of millions of parts from automotive assembly images using Computer Vision with Python, OpenCV, and .NET 4.6
- Maintained, developed, tested, and released features for web platforms in a full-stack environment using C#, ASP.NET 4.6 and Microsoft SQL Server 2016
- Developed WCAG-compliant and PCI-compliant web applications for OEM Tier 3 clients in an Agile environment

Jan - Aug 2018

### UNDERGRADUATE RESEARCHER Georgia State University

- Created educational application using Augmented Reality, Unity Engine, and the Meta 2 SDK
- Coordinated with Dr. Ashwin Ashok for product development and release
- Presented and demonstrated product in the GSU Research Conference 2018 and Tech Trends Conference 2018

July - Aug 2015

### SIMPLEPART Product Media Specialist

- Developed processes for cataloguing OEM automotive parts and accessories
- Photographed +4,000 products and recorded data for +1,000
- Professionally represented the company when interfacing with Tier 3 clients

Aug 2014 -  
Oct 2015

### INTELADATA, LLC. Web Developer

- Created and managed company website design, interface, and customer service system
- Designed and managed digital advertising and analytics
- Promoted from intern to web developer

## EDUCATION

Aug 2015 -  
May 2019

### B.S. COMPUTER SCIENCE Georgia State University

- Second Century Scholarship Student
- Thai Association of Georgia Scholarship Student
- Undergraduate Researcher in Computer Science

## ACTIVITIES

Dec 2017 -  
Apr. 2018

### DIRECTOR UGAHacks 3

- Created a strategy for operations, recruitment, promotion, and execution
- Handled logistics and operations by managing a team of 11 officers and 10 volunteers
- Interfaced with major sponsors including Google, Facebook, Home Depot, and State Farm to create workshops

July 2016

### PARTICIPANT Youth Volunteer Project for Learning Royal Initiatives

- One of 12 students selected internationally to participate in the program, conducted by the Royal Thai Embassy
- Performed community service projects and taught English for an undeveloped, rural farming village in Northern Thailand for 30 days
- Communicated objectives with His Majesty's Ministry of Foreign Affairs

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 <https://paulhansa.com>  
 <https://github.com/bigcooki3>

## LANGUAGES

Python  
C#  
JavaScript ES6  
HTML5 / CSS3  
Java  
SQL

## TECHNICAL SKILLS

Computer Vision  
Full Stack Development  
Microsoft SQL, MySQL  
Git SCM with Git Bash and SourceTree  
Agile / Scrum Methodologies  
Deployment on Azure DevOps (VSTS)  
Unity Engine  
WCAG Compliance  
PCI Compliance  
Motion Design & 2D Digital Animation  
Video Editing and Compositing  
Digital Interface Design

## AWARDS

HACKGSU, FALL 2018  
**Winner of Best Use of Google Cloud Platform, Best Use of Domain.com**

GLOBAL GAME JAM, 2018 & 2019  
**2nd place in Game Design and Development**

GEORGIA STUDENT  
TECHNOLOGY FAIR, 2015  
**2nd place in Filmography/Digital Video Editing**

## EVENTS

UGAHacks 2018, 2019  
GSU Research Conference 2018  
Tech Trends Conference 2018  
HackGSU 2017, 2018  
HackGT 2018  
Google GDG Devfest 2017  
MARTA Hackathon 2017  
Adobe MAX Conference 2017  
Global Game Jam 2017, 2018, 2019