

JJ Gillian

Software Engineer



Dunwoody, GA



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jjgillian.com



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github.com/jjgillian

Technical Skills

Programming

Java, Python, JavaScript

HTML, CSS, SQL

Education

MS in Software Engineering

Kennesaw State University, GPA 4.0

BS in Industrial Engineering

Burapha University, Thailand

Languages

English

Thai

Hobbies

Rock Climbing

Basketball

Experience

June 2017 - July 2019 Software Engineering student

KENNESAW STATE UNIVERSITY

- Currently enrolled in MS of Software Engineering.

Dec 2014 - June 2017 Product Engineer

PAI INDUSTRIES, Inc

- Designed aftermarket automotive parts for truck market.
- Responsible for Product / Design development, first article inspection, and product analysis.
- Utilized Solidworks and 3D Faro Edge ScanArm to create 3D models and detailed drawings.

May 2010 - May 2014 Product Designer

OMIX-ADA Inc.

- Designed aftermarket automotive accessories for Jeep, truck and SUV markets under the brand Rugged Ridge®.
- Utilized Solidworks, 3D scanner and 3D printer to create product prototypes.
- Created products through processes of stamping, large injection molds, thermoforming, aluminum castings, etc.
- Collaborated between engineering team, manufacturer, graphics team to sales and marketing to realize best final product.

Projects

TUG Vehicle Aircraft Classifier

Master Degree Capstone

- Android application using a camera to detect and label commercial aircraft tires for use with towing vehicle.
- Utilizes Tensorflow Lite, Android Camera2 API, Google Places API, and AWS Dynamo database.
- Sponsored by Textron GSE.
- Utilized Agile/Scrum project management methodology.
- Won 3rd place best graduate project at the college of Computing and Software Engineering Computing show case event (C-Day)

Gamer Matchmaking System

Matchisuru

- Web application that matches online multiplayer games to another players based on the results of a questionnaire. MySQL is used for the database.
- The web application features include registration, login, update profile, and player matching.
- Hosted at <http://mat-php.herokuapp.com/>
- Utilized Agile/Scrum project management methodology.

Rock Climbing Website

Climbinglife

- Web application about rock climbing using CSS/HTML/JavaScript.
- Hosted at <https://jjgillian.github.io/climbinglife/>

Tools

- Git, JUnit, Bootstrap, Android Studio, Jira, Agile, Amazon AWS/EC2
- Netbeans, Eclipse, Visual Studio Code
- AutoCAD, Solidworks, Inventor, Geomagic Design X, Rapidform, Zscan (3D scanner), Faro Edge Scanner
- Adobe Illustrator, Adobe Indesign, MS Office
- Catalyst by Stratasys (3D Printer)