Oskar Perskaas

PORTFOLIO • **GITHUB** • **LINKEDIN**

598 Broadway, New York, NY 10012
cell (203) 253 - 6464
e-mail oskar.perskaas@gmail.com

EXPERIENCE

Managing Partner - *Website Savants (2014 - 2016)*

- Designed and published custom web sites to enhance online presence of small businesses
- Initiated and progressed relationships with local business owners

Data Analysis Team Leader - *IMCORP (2011 - 2014)*

- Overhauled LabVIEW analysis software and data handling flow, resulting in an increase in 24 hr data turnaround from 40% to 95% despite increasing data load
- Reduced dependency on expert analysts by funneling specially categorized data sets to less experienced analysts and automated systems
- Automated repetitive report generation with VBA macros, saving several man-hours per day

PROJECTS

Virtual Ball (Unity3D, C#, SteamVR Plugin) | *Sole Developer* live | github
Virtual Reality paintball game to train paintball skills

- Supports HTC Vive HMD and controller tracking for immersive, stimulating experience
- Devised AI so player can train as if playing against actual paintball players
- Wrote physics rules to model accurate paintball behavior for realistic experience

CardBrain (Rails, React, Redux, PostgreSQL) | *Full stack engineer* live | github
Flashcards Web App based on brainscape.com

- Customized a weighted card-choosing algorithm to show user weaker material more often
- Incorporated flashy CSS transitions to mimic 3D card movement for enjoyable UX

Learning Network (ReactJS) | *Sole Developer* live | github
Neural Network Visualization for the layman

- Developed dynamically sized elements for intuitive learning
- Implemented choose-your-own-adventure style to let user learn at their own pace

SKILLS

Ruby on Rails **RSpec** **JavaScript** **jQuery** **React** **Redux**
HTML5 **CSS3** **SQL** **Git** **Unity3D** **C#** **LabVIEW**

EDUCATION

Web Development - *App Academy, Fall 2016*

- Rigorous 1000 hour full-stack web development course with 3% admissions rate

BS Engineering - *University of Connecticut, 2011*

- *Major:* Biomedical Engineering, GPA 3.63, *Honors Scholar, cum laude*
- *Curriculum Highlights:* Intro to Computing, LabVIEW Basics, LabVIEW Intermediate, Statistical Methods, Electrical Circuits, Calc I-IV, Physics with Calc I & II