

Rafal Stapinski

<https://stapinski.co> • stapinskirafal@gmail.com • (732)-895-0910 • 16 Chestnut Drive, Matawan, NJ 07747

Experience

Simulmedia - Engineering Intern, New York, NY May - Aug 2017

Television ad-tech company focused on audience targeting

- Designed system to plan TV ad campaigns that optimize for *performance metrics*
- Created *two new services* and new data models to implement features

Arcane Reality - Software Development Intern, Somerset, NJ Jan - May 2017

Virtual reality game arcade and development studio

- Worked on multiple aspects of *virtual reality game development* including modeling, shader scripting, and enemy AI development

Commvault - Software Development Intern, Tinton Falls, NJ May - Aug 2016

Data management, backup, protection and recovery company

- Created change management system to track large arrays of virtual machines
- Developed monitoring system to test and report on *backup server reliability* for new SaaS

Commvault - Software Development Intern, Tinton Falls, NJ Jan - Aug 2015

- *Researched UX* and developed user friendly photo gallery with intelligent EXIF search
 - Developed *automated memory leak detection* to cut down on build times
-

Education

Rutgers University - New Brunswick, NJ Sep 2015 - May 2019

School of Arts and Sciences Honors Program

- Studying toward a Bachelor of Science in Computer Science and Mathematics in SAS Honors Program

High Technology High School - Lincroft, NJ Sep 2011 - Jun 2015

- Studied in #1 ranked STEM high school with courses in maths, physics, and engineering
-

Notable Projects

News Map - Web Application

- Displays which locations are being reported on by the *New York Times* via an interactive world map

BTU (Business to University) - Android, iOS

- Service to facilitate *crowdfunding* goods and experiences for students at universities

Foot Traffic - Research

- Using *Foursquare API* to track daily foot traffic across publicly traded restaurant chains to predict earnings

1Dj - Android, iOS

- Allows listeners to crowdsource the playlist of their DJ in real time by texting in song names
 - Created during HackRU hackathon - *awarded best use of Twilio API and 3rd place winner overall*
-

Proficiencies and Interests

Working knowledge of	Python, JS (Node, Ember), HTML/CSS, C, Java, PHP, Linux systems, Polish
Experience with	Android dev, Google APIs, OAuth, jQuery, SQL, MongoDB, Unity, Blender
Interested in	photography, hiking, cooking, data science, game development