ALEXANDER RAPALA

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EXPERIENCE

PartsBadger June 2018 - Present
Web Developer / Programmer *Milwaukee, WI*

University of Wisconsin-Milwaukee January 2018 - April 2018
Web Developer *Milwaukee, WI*

University of Wisconsin-Milwaukee July 2016 - January 2018
Student Web Developer *Milwaukee, WI*

PROJECTS

PartsBadger - Mailing Utility *June 2018 - June 2019*

Used Django and PowerMTA to create an asynchronous mailing utility for the Sales Representatives to send out 5,000,000 emails in total. At peak sending times, 60,000 emails were being sent out. Also created click and open tracking along with bounce handling to know if emails were successfully received by a mail server.

PartsBadger - Quote Tool *February 2019 - June 2019*

Utilized PythonOCC to analyze STP files to find a part's dimensions to supply a quoting algorithm with data to give the customer an accurate price. The application rendered STP files on the frontend using three.js and did a duplicate check across 200,000 previously quoted products.

PartsBadger - Vendor Application *June 2018 - October 2018*

Used Django as the backend framework, Jinja templates and JavaScript for the frontend. The application allowed vendors to bid on products PartsBadger needed for overflow work. Gave PartsBadger control over the products that were sent to vendors. In total, forty active vendors have made 50,000 products.

UWM - WordPress Migration *July 2016 - April 2018*

Collaborated with Faculty and Staff to update and transfer old websites. New websites were: designed, developed, and brought in line with UWM branding guidelines and best practices.

TECHNICAL STRENGTHS

Computer Languages	Python, JavaScript, PHP
Frameworks / Libraries	Django, React, WordPress, Laravel
Databases	PostgreSQL, ORM, MySQL
Tools	Git, GCP, AWS

EDUCATION

University of Wisconsin-Milwaukee *December 2017*
Bachelor of Business Administration
Information Technology Management
Overall GPA: 3.15

ACCOMPLISHMENTS

Eagle Scout *May 2010*