

Peter James Flanagan

Full stack developer living in Ann Arbor, Michigan

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EXPERIENCE

Bentley Systems, Exton, PA — *Performance Monitor Intern, Web Development Intern* — SUMMERS 2016, 2017

- Refactored code and altered functionality of various pages for Bentley online portal, creating simpler, future-ready design in .NET
- Expanded test suite to encompass more pages and features using C# and Selenium, increasing code coverage
- Converted performance test GUI's to command line applications, allowing for test case automation
- Created program that automatically writes XML to be parsed by Performance Analysis of Logs tool, accelerating team's data analysis process

BioTelemetry, INC., Malvern, PA — *Internal Communications Intern* — SUMMER 2015

- Programmed web pages to display call center information on overhead monitors in real time using JavaScript and Toad SQL, improving call response time and internal company communication

Express Pizza & Subs, Ocean City, NJ — *Dishwasher, Fry Cook* — SUMMERS 2013, 2014

EDUCATION

University of Michigan, Ann Arbor, MI — CLASS OF 2018
B.S.E. in Computer Science, Minor in Entrepreneurship

- Coursework — Web Databases and Information Systems, Computer Architecture, Data Structures and Algorithms, User Interface Design
- Major GPA — 3.13 / 4.00

Great Valley High School, Malvern, PA — CLASS OF 2014
Distinguished Honors, Baccalaureate Speaker, Varsity Runner

LEADERSHIP

Michigan Every Three Weekly
Editor-In-Chief, Lead Graphic Designer

- Write and edit articles for U-M humor and satire magazine

Michigan Running Club
Webmaster, Runner

- Developed and managed club website with Bootstrap and PHP

PROJECTS

earlybird — early-bird-twitter.com — INDIVIDUAL

- Designed and developed website that allows users to draft and schedule tweets using Python on Heroku and AWS

Run Calculator — RunCalculator.net — INDIVIDUAL

- Constructed minimalist website to calculate running pace on desktop and mobile using CSS, JavaScript and jQuery

Helicopter Clock — *U-M Makeathon 2016* — GROUP

- Developed an alarm clock that launches a propellor using an Arduino

Michigan Supermileage — *Design Team* — GROUP

- Calculated ideal vehicle speeds for each part of course in Excel and MATLAB, maximizing fuel efficiency by maintaining momentum

SKILLS

Years	Language	
8	HTML	CSS
7	Photoshop	
6	Python	JavaScript
5	jQuery	SQL
4	C++	
3	PHP	MATLAB
2	C#	
1	.NET	Bootstrap