

# Thomas (Tom) J. Stewart

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**DESIRED ROLE:** Front-end web developer

## PROGRAMMING EXPERIENCE

**ADVANCED:** Javascript, HTML, CSS, Java, Python

**BASIC:** C, C++, Assembly, Ruby, Verilog/VHDL

## Education

### The Pennsylvania State University, College of Engineering

Bachelor of Science in Computer Engineering

GPA: 3.66 / 4.0

University Park, PA

Class of 2014

Dean's List: 6 / 7 Semesters

### Hempfield Area High School

GPA: 4.2 / 4.0

Rank: 9 / 486

Greensburg, PA

Class of 2010

## Work Experience

### IBM

*IBM Watson Education, Web Developer for teacheradvisor.org*

Research Triangle Park (Durham), NC

February 2017 - Present

- On a team of 5 developers responsible for creating and maintaining 'teacheradvisor.org', a website designed to be a resource for K-5 teachers that uses cognitive capabilities of Watson.
- Mostly focused on front-end, using React/Redux framework.

*IBM TRIRIGA, Front-end Web Developer*

June 2015 - February 2017

- Part of team responsible for complete UI refresh of TRIRIGA.
- Used Google Polymer framework to implement reusable, HTML-standard web components.
- Attended Polymer Summit 2016 in London

*IBM TRIRIGA, Application Developer*

June 2014 - June 2015

- Designed and developed a data integration solution for importing data into TRIRIGA using Java.

*IBM TRIRIGA, Application Developer (Intern)*

Las Vegas, NV, Summer 2013

- Designed and implemented a training application using the TRIRIGA development tools.
- Set our department up with TRIRIGA so they could manage their employees and assets.
- Worked on "AppFix" team, fixing reported defects in the product.

### Penn State, Eberly College of Science

*Student Developer*

University Park, PA

October 2012 - Present

- Implemented CSS to design new CHEM 110 (introductory chemistry) online class
- Collaborated with team of 3 people to complete various CSS-related tasks

### Greensburg Country Club

*Pool Server*

Greensburg, PA

Summer 2011 & 2012

### United Parcel Service (UPS)

*Truck Unloader*

New Stanton, PA

Winter Break 2011 - 2012

## Leadership / Activities

### Penn State Men's Club Volleyball

*President / Webmaster*

University Park, PA

Fall 2010 - Spring 2014

- Organized practices, tournaments, and fundraisers for team, while serving as player/captain.
- Designed, implemented, and maintained team website