Akshay Guthal

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🎓 education

University of Maryland College Park
B.S., Computer Science
3.65 GPA, Graduating May 2019
Entrepreneurship and Innovation Honors College
QUEST Honors Program

Montgomery Blair High School
Science, Mathematics & CS Magnet Program
3.84 GPA, Graduated May 2015

☰ skills

Languages: Java, HTML/CSS, JavaScript, PHP, Node.js, SQL, C, C#, OCaml, Ruby, MATLAB/R

Other: AngularJS, jQuery, Unix, Cassandra, MongoDB, Bootstrap, AWS, Eclipse, JIRA, Unity3D, WordPress, Adobe Photoshop, Adobe After Effects

🔧 projects

Diamondback Year in Review 2017
HTML, SASS, AngularJS
A single scrolling page highlighting the most impactful Diamondback articles published in the past academic year.

Diamondback Salary Guide
HTML, SASS, AngularJS, PHP
A clean, responsive website displaying publicly available salary data for faculty at the University of Maryland.

UMD Pi Sigma Epsilon Website
HTML/CSS, WordPress, PHP
The official website representing the Pi Sigma Epsilon Eta Gamma chapter at the University of Maryland.

OverTime
HTML/CSS
A venture created for the TerpTank pitch competition that aims to find relevant recruiters for student-athletes to connect with in order to help them find jobs coming out of college.

💼 work

NETSCOUT   Summer 2017
Software Engineering Intern
- Designed a full-fledged feature to analyze the system health of an enterprise network analysis product.
- Generated pages that display analytics based on ESXi hosts and virtual machines using the VMware APIs.
- Integrated changes with existing software built using **AngularJS** and **Java**.

Intelligent Automation Inc.   Summer 2015/16
Software Engineering Intern
- Created and tested educational software for clients including Educational Testing Service.
- Developed several features for two interactive games in **Unity3D** using **C#** scripts.
- Wrote front-end for two interactive games for 4th and 8th graders in **HTML/CSS** and **JavaScript**.
- Developed a company-wide Timesheet Allocation Utility, pulling data from **SQL** databases.

📢 leadership

The Diamondback Lab   Spring 2016 - Present
Director
- Managed team of developers to maintain The Diamondback website and create innovative content for thousands of daily readers.
- Maintained communcation with the newsroom, advertising department, and the Washington Post development team.

QUEST 190H   Fall 2017
Mentor
- Guided a group of undergraduate, interdisciplinary students to produce several professional projects that incorporate aspects of design and quality.

Pi Sigma Epsilon   Spring 2017 - Present
Chair of Technology
- Developed technology solutions to improve the internal activities of a professional business fraternity.