Peter M. King

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EDUCATION

Southern Methodist University, Lyle School of Engineering	Dallas, Texas
Computer Science Major	Graduation December 2022

Economics Minor
Current GPA**:** 3.25 / 4.0

Landon School	Bethesda, Maryland
Varsity Golf Co-Captain, Theater-Tech, Yearbook Staff	Graduated 2018

GPA: 89.84 / 100
ACT Score: 36 / 36

EXPERIENCE

Southwest Solutions Group	Dallas, Texas
Web Developer	May 2021 – Current

I began as a frontend web developer intern for the Summer 2021 intern program where I used AngularJS on a .NET stack to build a web application for internal company use. I am now working part time during school doing full stack development on multiple company applications.

Research for Norman Augustine (Former CEO Lockheed Martin)	Bethesda, Maryland
Research Assistant	April 2018 – June 2018

For my senior project at Landon I assisted with research on the future of self-driving cars in America. I gathered and analyzed documents and articles on the subject and submitted a report which would be reviewed before a much larger report was submitted to the US Department of Transportation.

NOTABLE PROJECTS

RateMyBar	Fall 2021
Web / IOS application	

I created a full stack social application for rating and finding bars in your area. The app allows you to follow your friends nightlife experiences, find new bars in your area, and share your experiences at bars. The application uses ReactJS for the web, React Native for IOS, ExpressJS / MySQL backend, and is hosted using AWS. The web app is located at www.ratemybar.app and the IOS app is available on the app store.

Raytheon Autonomous Drone Competition	Fall 2021 – Current

For my senior capstone project at SMU I am part of the software team creating an autonomous drone to compete in various challenges against other schools. We are working with scenarios of obstacle avoidance, image recognition, and path finding. The competition is sponsored by Raytheon and will take place in April 2022.

COMPUTER SCIENCE SKILLS

Languages:
C++, C#, Java, Python, HTML/CSS, SQL, JavaScript, SQL

Technologies:
NodeJS, ReactJS, React Native, AngularJS, MySQL, SQL Server, .NET, Docker, ExpressJS, Jira

CS Courses Taken:
C++, Data Structures, Algorithms, Assembly Language, Graphical User Interface, Databases, Digital Logic Design, Digital Computer Design, Information Assurance and Security, Statistical Methods for Engineers, Discrete Computational Structures, Programming Languages, Software Testing and Quality Assurance, Computer Networks, Operating Systems, Software Architecture, Engineering Management, Database Management