

# Patrick Edelen

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## Objective

Freshman seeking a summer internship in web and application development

## Education

### **Bachelor of Science in Electrical and Computer Engineering**

May 2020

The University of Texas at Austin

### **Related Courses**

Intro to Computing, Intro to Electrical Engineering, Differential and Integral Calculus

## Skills

Experienced in HTML/CSS, full-stack JavaScript, Java, Linux, team communications

Learns quickly and loves sharing knowledge with others

Familiar with PHP, C#, Photoshop, Git, React.js, client interactions

## Work Experience

### **Web Development Intern - Sneaker Web Design**

Jun, Jul, Aug 2015 &

2016

- Developed and maintained public WordPress websites
- Troubleshoot and fixed JavaScript and CSS issues
- Interacted directly with clients to best meet their design needs

### **Web Development Intern - HD Web Studio**

Aug 2014 &

2015

- Transferred Photoshop designs to responsive CSS and HTML layouts
- Developed new CMS modules in ColdFusion

## Projects

### **DryDriver.tech**

Summer

2016

- Developed web app in Node.js to help Houston drivers avoid flooded areas
- Collaborated with the Harris County Flood Control District
- Implemented AWS Machine Learning to predict areas of flooding during high rainfall
- Featured as a DevPost staff pick for work done during the Houston Hackathon

### **Congre.us**

Winter

2015

- Used the Express.js framework and MongoDB to create a town hall meeting alert system
- Won the Houston Open Challenge for Public Meeting Notifications
- Implemented twilio text alerts and email reminders for registered users

### **Business Professionals of America Software Engineering Team**

2015 and

2016

- Developed 2D and 3D games in teams for national competition in Java and C#
- Placed top 10 nationally both years, won 2nd place in 2015
- Advised three top 10 nationally ranked teams in 2016

## Accomplishments

Graduated High School Magna Cum Laude, AP Scholar with Distinction

Top 10 nationally ranked in PC Servicing at Business Professionals of America