

# Steven Grutman

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## EDUCATION

**University of Maryland**, College Park, MD

August 2015 - May 2019

Current GPA: 3.35 Major: Computer Science Minor: Astronomy

**Beth Tfiloh**, Pikesville, MD — High School, 2011 - 2015

## JOB EXPERIENCE

**Textron Systems**, Hunt Valley, MD — Software Engineering Intern

June - August 2017

- Contributed to flight line tester capable of stimulating aircraft survivability sensors
  - Programmed embedded software updates
  - Debugged & updated external software & respective installer
  - Updated embedded, external application, & installer GUI's
  - Helped debug hardware, flash SD's, & minor firmware updates
- Standardized process for committing firmware to version control system
- Worked with firmware engineers to enter their projects to version control

**T. Rowe Price**, Owings Mills, MD — Enterprise Security Intern

June - August 2016

- Built webpage scraping Chrome extension:
  - Authenticates Splunk user
  - Cross references found indicators with Splunk
  - Adds absent indicators to Splunk.
- Wrote Suricata rules to detect harmful network traffic
- Shadowed incident response team, reviewed Suricata alerts
- Researched malware (Angler Exploit Kits & JS Ransomware)

**R2integrated**, Baltimore, MD — Quality Assurance Intern

March - August 2015

- High school & summer internships at leading digital marketing company
- Helped discover, document, track, and resolve bugs in websites
- Wrote test scripts for distribution to clients
- Developed program to streamline scanning web pages for bugs and unwanted design changes using Ghost Inspector API

## TECHNOLOGY LEADERSHIP

**Apple Developer** — Individual Developer, 2011 - Present

- Designed and programmed 7 iOS games
- Accumulated over 20,000 total downloads, 6 currently available

**Vite, LLC.** — CTO, Founder, Social Media Tool, 2017

**Wristband, LLC.** — CTO, Founder, Bar Cover/Tab App, 2016

**Bitcamp Hackathon Organizers** — Tech Organizer, 2015 - 2016

**Surfboard** — CEO, Founder, Social Media Platform, 2014

**Weiner Basketball Tournament Website** — Developer, Founder, 2013 - 2015

- Programmed & designed website dedicated to Beth Tfiloh's annual signature sporting event which included live scores, stats, & radio
- Built data input GUI & authentication page, organized broadcasting team
- Attracted 17,000 page views from 3,000 unique users.

## PROGRAMMING LANGUAGES

**Extensive Experience with:**

HTML, CSS, PHP, SQL, Java, Python, Javascript, Swift, C

**Basic experience with:**

Objective-C, C#, C++, Assembly

## API's, FRAMEWORKS, LIBRARIES, ETC.

**Extensive Experience with:**

Stripe API, Firebase API, JQuery

**Moderate Experience With:**

Splunk SDK, SplunkJS Stack, Ghost Inspector API, Linux(Raspian, Debian, UNIX), Phonegap Framework, Twitter SDK, Facebook SDK, Regular Expressions

**Basic Experience With:**

Unity, Google Infographics, Suricata Rules, Chrome Extensions, CocoaPods, Grub, Node.js, Angular.js, Plymouth

## SPOKEN LANGUAGES

**English:** Native

**Hebrew:** Intermediate

## AWARDS

**Maryland Senatorial Scholarship**

2015 - Present

**Baltimore Museum of Industry**

**IEEE Robot Challenge, 2015**

1st Place: 4 Legged Robot Design

1st Place: 4 Legged Robot Overall

**Special Service Award, 2015**

Awarded for excellent technology leadership at Beth Tfiloh, 2015

**Community Service Award, 2014**

Awarded for teaching underclassmen HTML and CSS



Additional information:  
stevengrutman.com