



# Joonho Han

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## EDUCATION

### B.S. COMPUTER ENGINEERING - 2018

Boston University College of Engineering

Major GPA: 3.90/4.0

Dean's List / January 2015 ~ Present

## WORK EXPERIENCE

### ANDROID QA INTERN

Pavlok / November 2015 ~ January 2016

- Improved the front-and-backend of the company's Android app user interface
- Facilitated conversation on better UI within a backend-focused team.

## TECHNICAL SKILLS

### PROGRAMMING

Languages	OS	Frameworks/Tools
Java	Windows (7/8)	Android API
C++	Linux (SantOS)	Parse API
XML	Mac OS X	Sublime Text
Python	(El Capitan)	Android Studio
Verilog		Netbeans IDE
HTML5		Raspberry Pi
CSS3		Arduino
MatLab		IDLE
		Github for Desktop

### MANUFACTURING

- 3-D printing: Self-taught Solidworks and 3-D printed personal projects (Ex. "Seltra" project ->).
- Woodworking: Assemblable chair, jewelry box, spherical sculpture, tongue drum

## OTHER FACTS

### FOREIGN LANGUAGES

Korean  
Japanese

### AWARDS

SDYS T-shirt Designing Contest / 2-Time Winner

## PROJECTS

### PORTFOLIO WEBSITE (CURRENT)

[felttotouch.design](http://felttotouch.design)

- A Github-hosted website that features personal art/programming works.
- Currently pure HTML5 and CSS3.
- Future plans involve Bootstrap, jQuery, and MySQL to implement a Facebook-style photo gallery.

### INK - ANDROID NOTEBOOK APP

[play.google.com/store/apps/details?id=eden.notebook.ink](http://play.google.com/store/apps/details?id=eden.notebook.ink)

- Play Store Rating: 4.2/5.0
- Pursues highly intuitive interface + visual balance through simplicity.
- Some of the functions are:
  - Color labeled categorization
  - SQLite note storage
  - Cloud backup using Parse API
  - Linear complexity note search
  - Password protection

### SELTRA - WATCH-SHAPED WRISTBAND

[felttotouch.tumblr.com](http://felttotouch.tumblr.com)

- Constant evolution through 7 years of change in pursuit of the perfect personal jewelry
- 3-D printed stainless steel frame, hand manufactured and polished using NC Mill, jewelry files, sculpting knives.

### CHATTERBOX - TV-SHOW FORUM APP

[github.com/Joonho365Han/First-Android-App---Chatterbox](https://github.com/Joonho365Han/First-Android-App---Chatterbox)

- Android app that holds conversations about an episode, season, or a show people watched.
- Motivated teammates by learning and educating Android OS structure + set project direction.
- Devised a method to implement cloud computing with Parse API and implemented the entire GUI.

### PONG - FPGA GAME

[github.com/Joonho365Han/EC-311-Verilog-Pong---Team-2](https://github.com/Joonho365Han/EC-311-Verilog-Pong---Team-2)

- A pong game developed on Spartan Nexys 3 with Verilog.
- Utilized low level logic to determine basic conditions:
  - When the player wins
  - When the player loses
  - When the ball bounces