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

### Seltra - Watch-shaped Wristband
feeltotouch.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
- 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
- A pong game developed on Spartan Nexys 3 with Verilog.
- Utilized low level logic to determine basic conditions:
  1. When the player wins
  2. When the player looses
  3. When the ball bounces