

# Chiyoung Kim

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## Education

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### Harvard College

S.B. in Electrical Engineering, Secondary in East Asian Studies  
Relevant Coursework: Learning and Systems Architecture, VLSI Design, Computing Hardware  
Thesis in Progress – Creating a Better Guitar Amplifier

Expected Graduation: May 2017  
GPA: 3.61

## Professional Experience

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### HSA Dev – Software Development

December 2016 – Present

*Business Development – Lead Product Manager*  
Cambridge, MA

Worked with upper-level HSA staff to develop business model and practices for HSA Dev. Managed a team of 3 freshman product managers and taught them the basics of product management, drafted up teaching and learning tool for future use and reference. Will be using Agile methodology in working with small dev teams, 4-6 people, in order to bring projects into fruition.

### Ambi – Social Network

December 2016 – Present

*Product Manager*  
Cambridge, MA  
Used Agile methodology in development of monetization feature. Scrummed with a dev team of 3-4 college students and collaborated closely with founders to develop feature for social networking startup. Will conduct UI/UX testing, develop core specifications, craft a user story and workflow, and test waters at Harvard for possible future launch. Launching in March 2017.

### Microsoft – Enterprise Software, SaaS & Big Data Analysis

May 2016 – Aug. 2016

*Intern – Program Manager, Designer, Developer*

Redmond, WA

Used Agile methodology in meeting with Enterprise and Privacy representatives to develop a product demonstrating telemetry privacy. Crafted specifications with user story and value proposition, designed mockup and prototype in Visual Studio, scrummed with dev team of 4, coded in C#. Product expected to reach millions of users, or thousands of enterprises. Received return offer.

### Nichrome Icicle Cutter – Startup

Sept. 2015 – May 2016

*Co-Founder, Product Manager, Engineer*

Cambridge, MA

Designed an icicle cutting device for Harvard Facilities Maintenance Operations with team of 5 through customer insights and controlled environment testing. Acquired provisional patent, accepted into the Harvard Innovation Lab's Venture Incubation Program. Project featured in international news and television.

### Harvard College, Extavour Lab – “Agabros”

Sept. 2014 – Dec 2015

*Researcher, Product Designer*

Cambridge, MA

Used Agile methodology with members of the Extavour lab to design a tool for simultaneous analysis and imaging of multiple specimens. Iterated prototypes through A/B testing and user flow feedback, fabricated several MVPs and a final product.

### Massachusetts Eye and Ear Infirmary – Experimental Cochlear Implants

July 2014 – Aug. 2014

*Researcher, PI: David Landsberger (NYU), Konstantina Stankovic (MEEI)*

Cambridge, MA

Coded a research tool in MATLAB that sends custom stimuli to cochlear implants, developing a prototype UI and undertaking moderated user tests. Beta tested using cochlear implants and testing hardware. Will be used in development of a fully implantable device. Collaborated with Massachusetts Eye and Ear Infirmary and New York University.

## Technical Projects

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### Holo In One – Emerging Technology

June 2016 – July 2016

*HoloLens, Augmented Reality, Bluetooth, IMU, Unity, Product Management*

Managed a small team of 6 interns leading up to and during the Microsoft //oneweek hackathon to create an AR mini-golfing game using the Microsoft Band and HoloLens. Accepted into the HoloHack Bootcamp. Conducted user flow tests, scrummed with team, coded in C# and Unity, successfully demonstrated MVP.

### Turf Wars

March 2015 – May 2015

*Rapid Fabrication, Modeling, Project Management*

Led winning team in a botball-style event with team of 5. Designed and built robot using modeling, laser cutting, 3D printing, molding, casting, and other mechanical fabrication methods. Scrummed with team, working in weekly sprints to reach milestones.

## Technical Skills and Interests

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**Languages and Tools:** C, C#, Python, MATLAB, Mathematica, Visual Basic, HTML, DataThief, Zeiss Blue, ImageJ

**3D Modeling and Rapid Prototyping:** AutoCAD, SolidWorks

**Interests:** Dance, Music (Classical Guitar, Violin, Ocarina, Senegalese Drumming), Music Production (House, Electronic)