

SABRINA HYUNMI KO

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EDUCATION	B.A. English Literature, Computer Science Minor May 2018 Smith College, Northampton, MA Computer Science GPA: 3.72/4.00 Ethel Olin Corbin Prize Winner '16 Mary Augusta Jordan Prize Winner '18 Asian/Pacific/American Studies Certificate
TECHNICAL SKILLS	Swift, XCode, Kotlin, Android, Java, Python, HTML, CSS, Javascript, Bootstrap, Unity, C#, Assembly, Linux, Bash, UI/UX, Photoshop, Final Cut Pro, HTC Vive, Wordpress, Git
WORK EXPERIENCE	Hava Health Aug 2018 - Present Lead Mobile Developer <ul style="list-style-type: none">Developed and extensively documented iOS and Android applications for connected nicotine cessation device for health-tech startup backed by VCs such as Backstage Capital, Village Global, Quake CapitalProgrammed a BLE (Bluetooth Low Energy) connection pathway with company's custom PCB, established communication standard between device and phoneUtilized core frameworks, RESTful API, and 3rd party libraries Flashstarts May 2018 - Aug 2018 Software Engineering Intern <ul style="list-style-type: none">Polished user interface and user experience for iOS application for B2B startup focused in conversion to paperless optionsProduced high-fidelity prototypes of nicotine cessation app using SwiftIncreased social media KPIs for VR-based PropTech startup, such as Twitter following by 18% and tweet impressions by 332%Generated graphic design for wedding dress redesign startupDesigned and constructed Wordpress websites for two startups 5 College Learning in Retirement (5CLIR) Dec 2016 - May 2018 Software Developer and Web Development Intern <ul style="list-style-type: none">Built interactive GUI in Java to assist in the semesterly lottery that sorts members into desired class while considering various constraintsImplemented sorting through comparators on class choice data from exported Microsoft Access spreadsheets using Apache POI APIUpdated WordPress website with HTML semesterly with interactive course catalog designed to be easily navigable by senior citizens Department of Computer Science, Hampshire College Aug 2017 - Dec 2017 Teaching Assistant <ul style="list-style-type: none">Reshaped curriculum of Women in Game Programming course to include a more comprehensive introduction to good programming habits and foundational concepts along with an emphasis in team programming with Professor Ira FayHeld three hours of weekly drop-in hours to provide students guidance with projects, assistance with debugging, and explanation of concepts (i.e. data structures, for loops)
PROJECT	Tower Defense VR Jan 2018 - May 2018 Producer and Programmer <ul style="list-style-type: none">Crafted with a team of three a tower defense video game played in virtual realityCoordinated weekly work schedules for all team members to keep project on task and completed in a timely manner; created weekly presentations of progress for advisorProgrammed various aspects such as enemy movement, control of mob waves, and shop functionality in C# within the Unity engine