

# Chen Ye

E. [cye@alumni.brown.edu](mailto:cye@alumni.brown.edu)  
W. [chen-ye.github.io](https://www.chen-ye.github.io)  
P. (507) 301-6165

G. [github.com/chen-ye](https://github.com/chen-ye)  
B. [be.net/chen-ye](https://www.behance.net/chen-ye)  
D. [dribbble.com/cye](https://www.dribbble.com/cye)

portfolio: [chen-ye.github.io/portfolio](https://chen-ye.github.io/portfolio) | all the details: [chen-ye.github.io/longform](https://chen-ye.github.io/longform)

## employment

<b>SpaceX</b>	Flight Software Engineer <i>Design, frontend, and dev ops for next gen launch + pad systems</i>	Aug 2018–Present
<b>Navier</b>	Design Lead <i>Product, strategy, branding for crypto services startup. Built product used by clients to make 8-figure investment decisions</i>	Feb 2018–Aug 2018
<b>SpaceX</b>	Product Design Engineer Intern <i>Interfaces for Crew Dragon cockpits. Invented novel synoptic routing algorithm, reducing a ~2 hour process to ~6 min</i>	Summer 2017
<b>Facebook</b>	Product Design Intern <i>Civic Engagement products for US Elections + beyond</i>	Summer 2016
<b>Microsoft</b>	Design/Frontend Development Intern <i>Microsoft Band. 5 person team; 0 to product in 10 weeks</i>	Summer 2015
<b>IBM Watson</b>	Product Design Intern <i>Federal + Academic Research verticals. 4 person team</i>	Spring 2015
<b>Brown University</b>	HHMI Summer Scholar <i>Researched diet and aging in flies. Automated assay analysis using CV.</i>	Summer 2014

## education

<b>Brown University</b>	ScB Computer Science	2013–2017
<b>Selected Coursework</b>	CSCI 1230 Computer Graphics; VIMIA 076 Comp Bio; CSCI 1300 Designing, Developing, and Evaluating UIs, CSCI 1410 Applied AI, CSCI 1951C Designing Humanity Centered Robots	

## projects, research & leadership

<b>HH Design</b> <a href="https://chen-ye.github.io/portfolio/hhd">chen-ye.github.io/portfolio/hhd</a>	Admin; Publication Editor; Mentor <i>Largest (17k) student design group. Writes at <a href="https://medium.com/hh-design">medium.com/hh-design</a>.</i>	2015–Present
<b>Hack@Brown</b> <a href="https://chen-ye.github.io/portfolio/hab">chen-ye.github.io/portfolio/hab</a>	Founder; Director of Design + Branding <i>Product and branding for Brown's student hackathon.</i>	2013–2015
<b>Project Tango</b> <a href="https://chen-ye.github.io/portfolio/tango">chen-ye.github.io/portfolio/tango</a>	Researcher; Presenter; Designer <i>Alignment-free mycobacteriophage genomic analysis. Featured at HHMI's SEA-Phages National Symposium. Won FIRST PLACE POSTER. Published at <a href="https://doi.org/10.12688/f1000research.6077.2">dx.doi.org/10.12688/f1000research.6077.2</a></i>	2013

## misc accolades

<b>Hack@Brown</b>	<i>1st Place Overall (<a href="https://chen-ye.github.io/portfolio/squawk">chen-ye.github.io/portfolio/squawk</a>)</i>
<b>HackPrinceton</b>	<i>1st Place Hardware (<a href="https://chen-ye.github.io/portfolio/airbike">chen-ye.github.io/portfolio/airbike</a>)</i>
<b>HackPrinceton</b>	<i>Best Unity Hack (<a href="https://chen-ye.github.io/portfolio/elements">chen-ye.github.io/portfolio/elements</a>)</i>
<b>PennApps</b>	<i>Best Microsoft; Health Hack (<a href="https://chen-ye.github.io/portfolio/clayr">chen-ye.github.io/portfolio/clayr</a>)</i>
<b>TreeHacks</b>	<i>Best Illumina Hack (<a href="https://chen-ye.github.io/portfolio/illuminatty">chen-ye.github.io/portfolio/illuminatty</a>)</i>
	<i>ACT 36; SAT II Bio 800; SAT II Math 800</i>

## skills & passions

<b>Design</b>	<i>Figma, Sketch, Illustrator, After Effects, Photoshop, 3DSMax, Design Research, User Testing</i>
<b>Development</b>	<i>HTML/CSS/JS, React, Python, Java, C#, C++, Qt, C</i>
<b>Science</b>	<i>Microbiology, Evolutionary Biology, Bioinformatics</i>
<b>misc</b>	<i>Cycling, Sailing, Game Design</i>