

# KEVIN CHEN

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## EDUCATION

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**University of Maryland, College Park**  
B.S. in Computer Science & Mathematics, 3.8 GPA

*August 2016 - May 2019*

## EXPERIENCE

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**University of Maryland**  
*Teaching Assistant, Algorithms*

August 2017 - Current  
*College Park, MD*

- Leading recitations to reinforce algorithmic concepts and introduce new material
- Holding office hours every week to address individual questions from students

**Blackfynn**  
*Software Engineering Intern*

June 2017 - August 2017  
*Philadelphia, PA*

- Developed ETL and middleware for neuroscience platform in Scala/Python/Kubernetes/Postgres
- Built a native macOS app (with cross-platform support) for clinical de-identification using Electron

**National Cancer Institute**  
*Computational Research Fellow*

June 2015 - August 2016  
*Ft. Detrick, MD*

- Developed a sequencing analysis tool that was awarded a \$10,000 Seven Bridges Genomics grant
- Analyzed large genomic datasets using Python/HPC (awarded CRTA fellowship, published in NAR)

## SELECTED PROJECTS

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**SpeechPortal, a speech learning platform**  
*1st Place (out of 300+ participants) at HopHacks*

February 2017  
*Python/Node, web VR*

- Built a webVR memory palace with verbally generated visual cues in a dynamic streetview environment

**Neurodo, linguistic analytics for Schizophrenia**  
*Wolfram's Best Tech Award and Finalist at MedHacks*

September 2016  
*NLTK, gensim, SciPy*

- Developed an analytics model to assess cognitive dysfunction based on patient linguistic features

## HONORS AND AWARDS

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**PennApps Engineering Fellowship**

June 2017 - August 2017

- Highly selective (4/1000+) fellowship connecting students with Philadelphia startups and VC

**C1 Engineering Summit**

May 2017

- Invited to selective (37/600+) engineering summit at C1 tech lab to learn ML/AWS/NLP

## LEADERSHIP

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**Director of Travel, Bitcamp**  
**Director of Tech, umdVR**  
**Tech Talk Organizer**

Assembled \$15k+ of travel for largest MLH Spring hackathon  
Headed tech and marketing of VR club with 200+ members  
Organized 18 UMD CS tech talks with 20-80 attendees each

## SKILLS

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Scala, Java, Python, Go, C, Bash, SQL, Docker, Kubernetes, Git