CHRISTOPHER CAULFIELD

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Education	**CORNELL TECH AT CORNELL UNIVERSITY**	**New York, NY**

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CORNELL TECH AT CORNELL UNIVERSITY   **New York, NY**
Dual M.S. in Information Systems and Connective Media, GPA: 3.81   May 2019
Relevant Coursework: *Machine Learning, Product Management, Visual and Interaction Design, Behavioral Economics, Virtual and Augmented Reality, Designing Data Products*
Leadership Experience: Cornell Product Group (President & Founder), Cornell Tech Student Ambassador

ROCHESTER INSTITUTE OF TECHNOLOGY   **Rochester, NY**
B.S. Web and Mobile Computing, GPA: 3.59   2013 - 2017
Concentration in Human Computer Interaction
Leadership Experience: Resident Advisor, Teaching Assistant, Campus Ambassador, Research Assistant

Experience

Product Management Intern | Pandora | PandoraAds & Listener Experience Team   **San Francisco, CA**
- Proposed iteration from static lyrics to synchronized lyrics in Pandora's mobile app, creating   Summer 2018
  a more immersive lyrics experience. Worked cross-functionally with copyright and licensing
  teams to understand feature constraints. Iterated product requirements document for
  engineering and design based on current capabilities and limitations. Once implemented,
  projected to reach 750k views/day.
- Led development of Pandora's Order Management System dashboard. Completed
  competitor analysis of online advertising platforms. Developed Product Requirements
  document based on interviews conducted with Pandora's Client Service account managers
  to understand pain points with internal ad monitoring tools.

Software Quality Engineer Intern | Hudl   **Lincoln, NE**
- Managed and developed Hudl's automated testing framework for their mobile application,   Summer 2017
  ensures all API endpoints were working as expected.
- Created and launched a survey to Hudls mobile app users. Prioritized critical features based
  from 250+ responses. Communicated key issues to developers and designers.
- Responsible for two functionality integrations in the mobile UI based on user feedback -
  Hudl Newsfeed and video autoplay.

User Experience Design Intern | MetroStar Systems   **Reston, VA**
- Responsible for designing the user profile system for *Woozy*, a healthcare application.   Summer 2016
  Created low-fidelity mockups and user flow diagrams based on gathering requirements from
  stakeholders and user interviews. Iterated mockup to high fidelity prototype after usability
  testing.
- Evaluated *Zoomph*, an interactive social media platform and analysis tool. Communicated
  key design improvements to the development team.

Projects

Product Manager and Developer | Amazon Prime Photos   **New York, NY**
- Built an interactive prototype to automate album creation for user's photos and videos.   Fall 2017
  Developed mobile application using React Native, Firebase, and Google Cloud Vision API.
- Created a product implementation roadmap in compliance with Amazon's requirements.

Skills

Development: HTML5, CSS3, Javascript, Python, Node.js, Presto, SQL, Hive
Frameworks/Libraries: Bootstrap, Django, React, Semantic-UI
Design & Product: Agile, JIRA, Confluence, Usability Testing, UI Design, Sketch

Awards

- Jacobs Institute, Cornell University Masters Fellowship
- $56,902 grant from the Google Research Awards Program
- RIT Presidential and Merit Scholarship Recipient
- Life story covered by ESPN: *https://goo.gl/mwC5EP*

Publications

- Kevin Rathbun, Larwan Berke, *Christopher Caulfield*, Michael Stinson, Matt Huenerfauth.
  2017."Eye Movements of Deaf and Hard of Hearing Viewers of Automatic Captions." Journal
  on Technology and Persons with Disabilities, CSUN.
- Larwan Berke, *Christopher Caulfield*, and Matthew Huenerfauth. 2017. "Deaf and
  Hard-of-Hearing Perspectives on Imperfect Automatic Speech Recognition for Captioning
  One-on-One Meetings". ACM SIGASSETS 2017.