

# LIAM BOWERS

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Engineer with the ♥ of a craftsperson, passionate about delivering safe, correct, & performant software. Skills include ROS, TensorFlow, Python, JavaScript, and C++

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## EXPERIENCE

### **Software Engineer, Autonomous Driving: Ridecell** · *Jul 2018 - Present*

- Currently working on research and development of a machine learning architecture for behavior, planning, and control
- Built several tools to support various aspects of the Human-Machine Interface of the Auro autonomous vehicle platform, including a vehicle status logging pipeline for remote monitoring and analytics, and a dashboard to rapidly launch, monitor, and stop the various subsystems of the autonomy stack

### **Senior Software Engineer: Lifion by ADP** · *Mar 2016 - May 2018*

- Delivered the runtime of a metadata-driven platform for application development across web and mobile, using Node.js, React Native, Redux, Jest
- Helped foster a culture of rigorous testing and code review, improving code quality and productivity for the web and mobile teams

### **Senior Software Engineer: Insight Catastrophe Group** · *Feb 2014 - Mar 2016*

- Built modular, full-stack applications in Backbone, React, Ruby, and Node.js to manage the underwriting and servicing of insurance policies and quotes
- Enabled product team to rapidly create their own policy and underwriting products by creating automated build tooling

### **Web Developer: Artspace Marketplace** · *Jan 2013 - Feb 2014*

- Modernized and maintained the Artspace online galleries and e-commerce platforms
- Improved site reliability for modern and legacy browsers, reduced page load time by 80%, and improved site performance by redesigning static asset build and deployment pipeline

### **Web Developer: SeatGeek** · *Sep 2010 - Dec 2012*

- Streamlined the production and deployment of 100s of seating charts for sports and concerts
  - Built interactive seating charts, events calendar, ad platform and more using Symfony on the server and Backbone.js on the client
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## EDUCATION

### **Georgia Institute of Technology** · *Aug 2015 - Present*

- Master of Science in Computer Science: Computational Perception & Robotics

### **Udacity** · *Feb 2017 - Dec 2017*

- Self-Driving Car Engineer Nanodegree

### **Cleveland Institute of Art** · *Jan 1998 - May 2002*

- Bachelor of Fine Arts: Glass Sculpture