

## **Raymond “Buck” Bukaty**

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www.buckbukaty.com

### **Education**

*Stanford University, Class of 2020* – Sophomore, Computer Science

*Sage Hill High School, Class of 2016* – Cumulative GPA 4.52

#### *Courses of Interest:*

CS107: Computer Systems & Organization, CS161: Design and Analysis of Algorithms,

CS221: AI - Principles and Techniques, CS124: From Languages to Information

### **Skills**

Confident with web frontend tools - HTML, CSS, and Javascript+jQuery

Experience using Python and NumPy for AI coursework, familiar with C and C++

For fun, I've also explored Unity (C#) for VR development and FL Studio 12

### **Software Engineering Experience**

*Web Dev Intern* – Dopamine Labs – June-September 2017

- Designed and constructed a web-based Business Intelligence dashboard
- Incorporated feature requests and other feedback from sales team
- Built with HTML, CSS, and Javascript, communicates with Node API endpoints
- The dashboard remains in use today; see a sample at [www.buckbukaty.com](http://www.buckbukaty.com)

*Designer/Programmer* – Robotics Club, Sage Hill School – 2014-2015

- Fulfilled various roles as a core member of Sage Hill’s new robotics team
- Our team won several awards at competitions up to the district level, including first place Inspire award in recognition of robot performance, sportsmanship, and professionalism

*Laboratory Assistant* – Cambridge University, Cambridge, U.K. – Summer 2014

- Helped to create a low cost “biosensor” to be used for the detection of arsenic in groundwater; arsenic poisoning is a major issue in rural areas of India and Nepal
- Learned and utilized wet lab procedures for genetic modification of microorganisms

### **Volunteer Experience**

*Eagle Scout Project* – Boy Scout Troop 695 – 2014

- Lead renovation of lounge/meeting room at Mercy House homeless shelter
- Added artificial stone facade and molding (278 man-hours total)

*Service Learning Project* – Sage Hill High School – 2014-2016

- Led and created curriculum for an independent project to teach underprivileged middle schoolers basic programming skills

### **Interests/Hobbies:**

- Indie Games, VR/AR, Rock Climbing, Juggling