

# william wayne buckingham

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## Technical Profile

### Front-end

HTML  
CSS  
Javascript  
jQuery  
Meteor  
Bootstrap 4

### Back-end

Java  
C++  
C  
MongoDB  
x86-64 Assembly

### Design Skills

UX/UI Design  
Adobe Creative Suite  
Sketch  
Wireframing  
Prototyping  
Web Design & Development

### Tools

Eclipse  
Vim  
Sublime Text  
Valgrind  
Qt Creator  
Xcode

### Coursework

Programming Methodology  
Data Structures and Algorithms  
Systems Programming  
Responsive Web Development  
Machine Learning  
Applied Statistical Analysis  
Statistical Inference  
ODEs  
PDEs

### Projects

Heap Allocator  
Machine Learning Project on  
Movie Marketing  
Multivariate Analysis of Educa-  
tion Data

## Education

**Stanford  
Univeristy**  
*Stanford, USA*

**Product Design (B.S.)**  
**Minors: Computer Science & French**

**Class of 2020**

- Ralph M. Hester and Laurence C. Franklin Prize for French (annual award for best essay in French), June 2017

**Howell's  
School**  
*Cardiff, UK*

**A Levels (4 A\*, 1 A)**

**Class of 2016**

- Mathematics, Further Mathematics, SAT II Math 2 (800), SAT I (2210)
- HSBC Scholar, Drapers Scholar Award for Academic Excellence, UK Mathematics Olympiad Gold Award, National Debate Team, Yale Young Global Scholars

## Experience

**Freelance**  
*Cardiff, UK*

**Web Designer & Developer**

**Jun 2018 - Present**

- Produced wireframes and mockups using Sketch and Adobe Xd
- Built full stack web applications using the meteorJS framework

**Leyton**  
*Paris, France*

**Innovation Consulting Intern**

**Apr - Jun 2018**

- Analyzed and identified strategies for companies to finance innovation and optimise their research and development
- Produced technical dossiers justifying R&D activities as eligible for French Research Tax Reductions

**Eurobond  
Doors**  
*Cardiff, UK*

**Accounting Intern**

**Jun - Jul 2017**

- Managed daily invoice processing, daily sales and cash flow in cooperation with the company accountant
- Supported the purchasing department to source and purchase materials
- Developed a database of information on over 600 products immediately implemented company-wide

**Springboard**  
*Stanford, USA*

**Social Media Strat**

**Apr - Jun 2017**

- Analyzed trends in social media based activism campaigns related to police brutality in the U.S.
- Created a full-scale media strategy for immediate implementation in campaign advertisements, reaching over 200K views
- Produced a 25 page memo and presentation with comprehensive strategy recommendations for activism campaigns focused on the role of police unions in police accountability in the U.S.

## Co-curricular Activities

**Stanford  
Univeristy**  
*Stanford, USA*

**Alpha Kappa Psi**

**Sep 2017 - Present**

- Pre-professional business fraternity
- President of Pledge class; managed a team of 12 on 4 client projects & 5 funding initiatives, raising over \$5000 in 4 weeks
- Project work including hotel market segmentation analysis, supply chain analysis and presenting stock pitches

**Stanford  
Univeristy**  
*Stanford, USA*

**President of Dorm Government**

**Sep 2017 - Jun 2018**

- Led a team of students to plan weekly meetings and quarterly events for 90 people and manage a \$6000 quarterly budget