

# Dustin Newman

Online Editor of Daily Bruin, Co-Founder of Radius,  
Former Board of ACM Hack.

## Work Experience

### Qualcomm — SWE Intern

*June - Sept. 2019*

Increased test coverage by 60% by writing testing framework in PRACTICE (.cmm).

Created architecture-specific tests for proprietary implementations of transport layers in hardware networking stack.

### Students of Strength — SWE Intern

*June - Sept. 2018*

Introduced multi-tenant PostgreSQL and MongoDB database network.

Utilized Stripe API to process payments on both front and back end.

Created several MVC screens of frontend code in AngularJS.

### Daily Bruin — Online Editor

*Feb. 2019 - Present*

Supervise 80+ contributors in data journalism and web development.

Architect Kubernetes deployments of web applications, Redis/caching layers, ElasticSearch, and databases.

Created MERN application for automating internal document production across sections.

Redesigned monolithic Django application to microservice API architecture with React.js frontend.

## Education

### University of California, Los Angeles — B.S. Computer Science and Linguistics

*Expected June 2020*

Programming Languages, Operating Systems,  
Introduction to Artificial Intelligence

Los Angeles, CA 90024

+1 (559) 799-9824

dustinnewman98@gmail.com

<https://dustinnewman.io>

**GitHub:** dustinnewman98

**LinkedIn:** dustinnewman98

## Skills + Technologies

**Best:** C, C++, JavaScript, TypeScript, Node.js, Docker

**Better:** Python, Swift, Git, AWS, iOS SDK, PostgreSQL, MongoDB, PRACTICE

**Good:** Java, Redis, Bash, Kubernetes, Scheme, Prolog

## Projects

### Radius

Co-founder of location-based social media mobile app.

Created a push notification system through EC2 and Google Firebase.

Designed logo, branding, home screens, user profiles, branded in-app icons, Stream picking screen, and messages.

Implemented designs in VIPER architecture.

**Technologies:** Swift 5, iOS SDK, Firebase and GCP, AWS, PostgreSQL, Node.js, Redis

### Umi

Developed full-stack Node.js content management system with third-party integrations.

**Technologies:** Node.js, PostgreSQL, RabbitMQ, Docker, MongoDB, React, Redis

## Languages

English, Spanish, French