Andrew Porter

Computer Scientist

A passion for all things computing, all the time.

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EDUCATION

CSU Monterey Bay, 2017

Bachelor's Degree in Computer Science, *with distinction*

- Double Specialization: *Networking & Security* and *Data Science*
- President, Association of Computing Machinery campus chapter
- ETS Major Field Test - 93rd percentile versus national scores
- Team leader for custom capstone - home automation hardware

WORK EXPERIENCE

Enterprise Holdings, 2017 - current

Senior Customer Service Rep

- Cross trained across 3 of the largest vehicle rental brands in US
- Key holder, supervised 5 employees and inventory worth $15 million
- Theft/loss recovery and account development for flagship branch

MBay Systems, 2017 - current

Computer Systems Engineer

- Provide true full-stack (hardware-to-UIX) engineering for clients
- Communicate/coordinate engineering tasks with external contractors
- Act largely independently, providing functional and usable solutions

Client: Amagine Lighting

- Required ability to control lighting units without disconnecting power
- Built hardware prototypes, wrote firmware, and designed final PCB
- Delivered PCB and mobile app capable of unit control over Bluetooth
- Original units still functioning after several years in use

Client: BioFresh

- Required system capable of identifying and harvesting field produce
- Designed multi-camera unit capable of capturing 5 wavelengths & DoF
- Integrated vision system backend with HTML/JS interface for use
- Ran field trials with successful data capture and produce identification

Client: NDA Name

- Developed expertise in blockchain technologies, specifically Ethereum
- Provide services for integration of blockchain to business use-cases
- Built simple engine to help enable on-demand BlockChain-as-a-Service
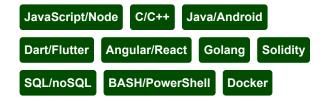- Working with NDA to launch a BCaaS global market for their products

SOFT SKILLS

- Effective and consistent communication across team
- Integrate well with a variety of personality types
- Quick learner and enjoy designing usable solutions
- Internally motivated to perform at a high level
- Capable of technical writing for variety of audiences
- Willingness to accept both criticism and help

HARD SKILLS

- Capable of becoming productive in new languages/frameworks/environments quickly
- Focus on enabling process automation and continuous integration/build/test/deploy methodology
- Ability to navigate and debug large code bases effectively, using basic tools and methods
- Strong high-level understanding of networks and networking technology/topology/protocols
- Good experience virtualizing resources and utilizing cloud services/providers for solutions
- Software/application engineering to support "smart" conversions of hardware/devices
- Hardware design and engineering, including basic EM/RF/PCB design and manufacturing

LANGUAGES

`JavaScript/Node` `C/C++` `Java/Android`
`Dart/Flutter` `Angular/React` `Golang` `Solidity`
`SQL/noSQL` `BASH/PowerShell` `Docker`

HOBBIES

`Triathlons` `Cooking` `Sailing` `Beekeeping`
`Gardening` `Video Games` `Woodworking`

REFERENCES

- Personal and professional references available
- Phone numbers or email addresses by request